# LIVING

## FOR YOUNG HOMEMAKERS

JULY 1953 35 CENTS

FLEXIBLE HOME [72 room variations]

HOUSES YOU CAN AFFORD

*Before buying Any Mattress, ask*

# WHAT'S INSIDE?

1. *For Cool, Airy Luxury*
2. *For Form-Fitting Comfort*
3. *For Firm, Healthful Support*

OVER HALF A MILLION AIR CUSHIONS TO EACH CUBIC INCH are the secret of AIRFOAM's deep, cool luxury. No other type cushioning has this important feature.

## *Get the sleep that's three layers DEEP!*

NEXT TO YOU is the AIRFOAM mattress—deeply and deliciously comfortable as over half a MILLION air cushions to each cubic inch can make it. AIRFOAM mattresses are cool, sweet, "air conditioned"—*never need turning*—harbor no dust or allergies, don't sag, lump, hollow out or break down.

What's more, AIRFOAM mattresses are *exclusive* teammates of Englander's famous Red-Line Foundations. They're designed to *work together* to give you that wonderful new sleep that's three layers DEEP. Here's how:

The AIRFOAM mattress comfortably cushions every curve and hollow of your body. In the top spring layer of the Englander Red-Line Foundation, each spring acts independently to conform to your body weight and contour. In the bottom spring layer, all springs act together to provide the proper firm support so essential to deep, healthful sleep.

So before you buy any Sleep Ensemble, ask "WHAT'S INSIDE?" If the answer is AIRFOAM and RED-LINE, you know nothing has been spared to bring you the most luxurious sleep. By two great names—Goodyear and Englander.

Englander mattress of Goodyear's luxurious AIRFOAM..... **$79.75**

Englander Red-Line Foundation..... **$69.75**

*Prices subject to change without notice.*

**Englander**

AMERICA'S MOST LUXURIOUS MATTRESS

Red-Line—T.M. The Englander Company, Inc., Chicago

*Airfoam* MADE ONLY BY **GOODYEAR**

THE WORLD'S FINEST CUSHIONING

Airfoam—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

FRANK ROBERTSON

HERSCHEL FISHER

ROBERT NORSEN

# Speaking of Living

Like most successful builders, **FRANK ROBERTSON**, of San Antonio, Texas, (whose *House That Meets Change* appears on page 30) finds even his leisure moments are as occupied with matters of houses as his professional ones. His main hobbies all deal with various aspects of home building—research, designing, land planning. In the time devoted to local civic affairs, he shows the same single-mindedness; he has served on his town's zoning and planning board, and on the board of adjustment. In much of his recent work, he has been assisted by his son, Frank, Jr., who studied architecture at Texas University and designed the house which we show. The partnership is as of the moment dissolved, while Frank, Jr. serves a term of service in the army.

Another Texan making big strides in the field of housing is **HERSCHEL FISHER**, who won an A.I.A. award for his apartment house in Dallas (*Apartment With an Open Plan*, page 68). Holder of degrees from the University of Texas and MIT, architect Fisher formed the Wiltshire & Fisher architectural firm in 1946. Long-memoried readers will recall his *A Duplex That Doesn't Look It*, which was featured in LFYH in October, 1950. Not long ago he won a state-wide competition for a million-dollar civic center in Brownsville, Texas, and he has been elected president of the local chapter of the American Institute of Architects.

The trend of the American way of life towards more informal, servantless living has made a deep impression on builder **ROBERT A. NORSEN**, of Minneapolis, Minnesota, whose house, *Double-Duty Insulating Material Reduces Cost*, is shown on page 80. Too many people, he believes, have to adjust their lives to the homes they live in—rather than the other way around. By being at the same time a designer and a builder, he feels he can most satisfactorily combine his views on house plans with intelligent use of materials to produce the best possible home for the young family at a reasonable price.

The fact that young people have mature and very definite ideas about their homes and home furnishings is being realized more and more by stores across the country. One store which appreciates this positive thinking in the younger generation is the **DAYTON COMPANY**, of Minneapolis, which has established a young homemakers' shop which is staffed by decorators who are young themselves, and fully aware of the problems and tastes of others their own age. Two typical decorators at the shop are **DOROTHY LUND** and **RICHARD JOHNSON**; proof of their ability is seen on pages 80-85.

Since his first job in the realty profession—passing out handbills for a real-estate company in Minneapolis (of which he later became president)—**FRITZ BURNS** has steadily climbed the ladder of success. Responsible for the *Apartment Horizon Widens*, page 64, he has successfully marketed real-estate developments in over a dozen states. Fritz Burns likes to do things on a big scale; one home development he enjoyed creating is Panorama City, a fully integrated community of 3,000 homes, including a business center with 44 stores, 3 schools, 4 churches!

Since 1931, **CLIFF MAY**, builder of the home, *Planned to Give the Most for the Money*, page 46, has specialized chiefly in the development of the California ranch-type house, and today, many of the finest examples to be found in the state were built by him. His work carries him far outside of California from time to time (he has designed homes in nine other states). It follows naturally that one of his hobbies is flying—in his own plane.

RICHARD JOHNSON, DOROTHY LUND

FRITZ BURNS

CLIFF MAY

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# A PIECE OFF YOUR MIND

## THE TRANSIENT TENANT

Dear Sirs:
I have long been an avid reader of your magazine and appreciate what you offer to the young couples of today. My husband and I have always looked forward to each new issue and have not been disappointed in what we found.

However, I feel there is one group of young homemakers you have overlooked. I'd like to put in a plea on their behalf, as my husband and I are in this group. I am referring to the young couples connected with the armed forces. Our temporary homes are not our choice, naturally, but brought on by the necessity, unfortunately, that our men must go to war. My own husband is now in Korea and when he returns we hope to start a permanent home and your magazine will be our constant guide.

But even as we may graduate from an indefinite home there will be many other young couples who'll step into our place. I know they would appreciate notice in LFYH and your suggestions on how to give a furnished apartment near an army post the touches that would transform it into a warm and welcome home.

I know in my case and many others, it is frustrating to see spread after spread on homes and lovely rooms when they are out of our reach. I hope in this letter I may echo the thoughts of many other young army wives. Our husbands are fighting that we may have homes like you feature, someday. I believe that we and our demands are due a small amount of space in your publication.

Mrs. F. M. Austin, Jr.
Belmont, Massachusetts

EDITOR'S NOTE: *We agree! Please note* For Transient Tenants, A Permanent Look *in our May, 1953 issue.*

Dear Editors:
I have resolved with each issue of LFYH to write and tell you what your magazine means to us. At last I've cornered the typewriter and my resolve is taking form.

We have lived in a federal, temporary housing project of about 3,000 apartments for about three years. The apartments almost defy anything but the most meager of decorations and it is next to impossible to keep them clean. The temporary aspect puts a damper on any improvements except the yearly application of cold water paint. There just doesn't seem to be any practical way to disguise the exposed wiring and plumbing. I've even considered candy stripes for the trash cans, oil barrels, and coal-bin which make up the bulk of the front yard. Small wonder our great goal is to own our home.

Each month's issue of LFYH sets us to talking, thinking, and planning our very future home, and inevitably we start paring down the long-suffering budget in order to save a few more pennies. We have a house file of clippings, only there just isn't enough room in our small apartment for four people, furniture, toys, and all those wonderful magazines.

We want to send you our thanks for providing us with many pleasant hours and such a wealth of ideas to be incorporated in our plans. Perhaps someday I will be able to write and say, "Well, we've done it!"

Mrs. John A. Glover
Willow Run, Michigan

## PARTY WITH A PUNCH

Dear Editor:
Since your magazine has been in publication it has been read with much interest in our home and has always been in prominent display. All members of our family have derived much pleasure from recommending it to guests who have casually picked up issues for quick reading. It always grieves me to place an issue in a paper drive or out of sight for I feel I'm depriving myself of something valuable.

Last week I was planning refreshments for a party and wanted to serve another beverage along with hot coffee. In just a few minutes I rediscovered the summer punch recipes *(Summer Tryouts for Your Thirst)* in the July, 1952 issue. Trusting it implicitly, I didn't try out the recipe for the floating punch beforehand. I just prepared it for my guests and not one of the twenty failed to comment on its wonderful flavor and to ask where I learned of it.

Mrs. John Swygert
Columbia, South Carolina

## THE $64 QUESTION

Dear LFYH:
I have read in issue after issue of your magazine of some young couple who has finally achieved the dearest dream of a new home.

I am intrigued when I see that the price range of most of these homes is between $10,000 and $15,000 because that is just about the price range in which we are interested. Then I read that the average income of these young people is about $5,500 and that is just about what we have. When I read on I find that the average age of these happy homeowners is 35 or less, and that, too, is descriptive of us.

We have two children, such material assets as furniture and an almost new car, no debts, and are providing for the future through several insurance policies, but during the past five years, we have found we are able to live just within our income and not saving one red cent.

Now, this is the part I can't understand. We are apparently the Mr. and Mrs. Average of these stories, with one exception—we have no new home and no immediate prospects of having one.

Now, then, where have we done wrong? Where does one get the money for the down payment on a F.H.A. loan? The amount we are putting out in rent would make a very substantial payment on a new home and would serve as monthly payments on a loan. How are we going to avoid paying rent and eating up our income so that we will be able to get enough ahead to start a home? I realize this is a personal problem but I feel that a great many other young people must have pondered these same questions.

Mrs. Paul A. Johnson
Smith Center, Kansas

EDITOR'S NOTE: *The fact that thousands of young people on less than five thousand dollars a year have been able to buy a home of their own proves that it can and is being done. It is a temptation to live up to one's income and to set sights above the house one can afford. It's not easy and in most cases it represents many sacrifices. We plan a forum on this very question.*

## NO HANG-OVERS

Gentlemen:
We would like to express our appreciation to you for the fine job you are doing with your market. It is refreshing to find a magazine which deals with the kind of house most of us are likely to be living in rather than the more usual—for magazines—hundred-thousand-dollar home cantilevered over the ocean from a Southern California hillside.

Robert J. Kieckhefer, Jr.
Arlington Heights, Illinois

## PROPERLY INTRODUCED

Dear Editors:
The January issue of LFYH was our introduction to your interesting magazine. The color schemes of the room interiors are lovely.

The article, *What to Look for in Your Kitchen*, is very inspiring. I have most of the kitchen equipment, and the others I have put on my list for future purchase.

Mrs. W. T. Rose
Globe, Arizona

## A "HALE" AND A SALUTE

Dear Sirs:
I would like to thank you for the inspirational ideas your magazine has given my wife and me in decorating our former residences.

Now the time has come when we are planning to build a home. We have been searching many months for a plan that would fit our needs and desires. Your February issue has ended our search. We found the answer in the home *Designed for Informality* by Peter Powers Hale.

Mr. Delevin D. Balls
Wheatridge, Colorado

This beautiful, all-steel Youngstown Kitchen features *Controlled Color Kitchen Decorating.*

# Enjoy your dream kitchen NOW! No down payment, 3 years to pay!*

NOW YOUR dream kitchen . . . a genuine Youngstown Kitchen . . . can come true at a price less than you believe possible! And, if you want terms, choose from 8 easy ways to pay, listed at right.

What an investment in happiness your Youngstown Kitchen will be! Work surfaces and storage space are placed where you need them most . . . custom-planned to save you time and work. No cleaning drudgery—Hi-Bake enamel finishes wipe clean with a damp cloth. You'll *speed* through kitchen hours.

What's more . . . your Youngstown Kitchen *adds* to the value of your home. All Youngstown Kitchens units are built of sturdy steel to last a housetime!

There's a kitchen planning expert near you who can show you how a Youngstown Kitchen can be installed for less than you think. Send coupon below.

**MULLINS MANUFACTURING CORPORATION**
WARREN, OHIO

**Youngstown Kitchens are sold throughout the World**

*when financed under F.H.A.

## 8 easy ways to pay for your dream kitchen!

1. **F.H.A.**—You make no down payment, have up to three years to pay when financing under F.H.A. Lenders are insured against loss. Available in most areas. Ask your dealer or banker.
2. **Open-end mortgage**—Payments not increased. You may refinance your mortgage and add the cost of your new kitchen in an increased number of payments.
3. **Open-end mortgage**—Time not increased. This type increases the size of your monthly payments, but not the number remaining.
4. **Using the bank.** You probably have the necessary security to obtain money from your bank at low interest rates. Ask your banker.
5. **Refinancing the mortgage.** You may have paid off enough of your mortgage so that the mortgagor will be interested in refinancing.
6. **Time payment financing.** Many families prefer this method. You may arrange it through your dealer, banker or finance company.
7. **Unit-by-unit modernization.** Because Youngstown Kitchens are planned from separate matching units, you may plan your kitchen and add a few units at a time, paying for them as you get them.
8. **Original mortgage.** If you are building or buying a new home that is not complete, you may include your Youngstown Kitchen in the original mortgage.

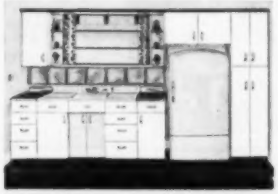
**MODERNIZE NOW!**

*Youngstown Kitchens*

For the name of your nearest dealer, consult the yellow pages of your telephone directory under "Kitchen Equipment—Household" or "Kitchen Cabinets," or call Western Union, Operator 25.

Lovely arrangement featuring 48" Electric Sink with Jet-Tower® Dishwasher.

This gorgeous Youngstown Kitchen plan with shelf storage and drawer space galore features the sturdy steel 66" DeLuxe Twin-Bowl Cabinet Sink.



A beautiful Youngstown Kitchen like this one, featuring the 54" DeLuxe Cabinet Sink, can be yours. Modernize now . . . see your nearby Youngstown Kitchen dealer today.

**Mullins Manufacturing Corporation**
**Dept. LYH-753, Warren, Ohio**

Please send new kitchen-planning, decorating idea book. I enclose 10c to cover cost of mailing. (No stamps, please.)

I plan to buy a house ☐ I plan to build a house ☐

I plan to modernize ☐

NAME (Please print) _____

ADDRESS _____

CITY _____ ZONE _____

COUNTY _____ STATE _____

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# 4 new ideas for outdoor living

**1. Outdoor Storage Wall** (Plan X-9) doubles as summer dining center, has space to store tools, barbecue equipment. Fir plywood needed costs about **$140***

## These Outdoor Storage Units Are Easy to Build With Exterior-Type Fir Plywood

HERE are four ideas to help you live outdoors and love it . . . with end-of-clutter neatness in garden or patio.

Enjoy one of them now, this very summer!

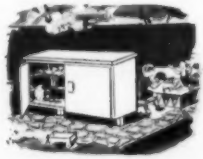
Practical fir plywood makes any of these attractive units easy to build. Big plywood panels speed work, cut waste, require no special tools.

Your lumber dealer has plans—and the Exterior-type fir plywood you'll want to simplify the job. Why wait? Build added pleasure and convenience into your outdoor living—today!

**2. Carport Storage** (Plan X-10) for everything from a car to a trowel. The Exterior fir plywood required for an average-size unit costs about . . . . . **$320***

## 4 Plans available

See your lumber dealer—or order plans by number from Douglas Fir Plywood Association, Tacoma 2, Washington. Enclose 10c for each plan. (Offer good in U.S.A. only).



**3. Garden Cabinet** (Plan X-11) does away with back-yard clutter with convenient storage for tools, toys, odds and ends. Fir plywood required about **$50***

ASK FOR D. F. P. A. INSPECTED

**Fir Plywood**

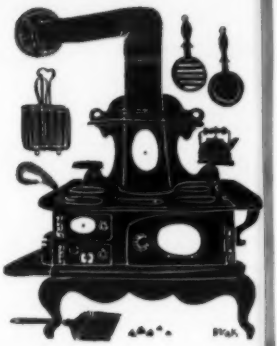
EXT-DFPA

For outdoor building jobs, use only Exterior-type fir plywood with waterproof glue, the EXT-DFPA is your positive assurance.

**4. Patio Furniture** (Plan X-12) is easy to build with light, strong, durable Exterior plywood. Demountable for easy storage. Buy plywood for about . **$55***

*Based on latest available Chicago retail sales for fir plywood compiled by leading trade magazines. Prices may vary depending on location and source of supply.


# KITCHEN CLICHÉS



By HARRY BOTSFORD

The modern kitchen, replete with gadgets, controls, and automatic devices, is designed to make a housekeeper's lot easier. But for the life of me, I can't see how she does the job when surrounded by kitchen clichés which probably originated back in the days when women cooked by ear and without aid of cookbooks, temperature charts, thermometers, measuring spoons and cups, clocks, and the like. Handicapped as she may have been, the pioneer woman did a bang-up job of preparing three meals a day for an appreciative family.

"Add a pinch of" is one of the oldest clichés. Factually, the word "pinch" is overworked in the average cookbook. *What is a pinch?* In theory, it's the amount that can be compressed between thumb and forefinger. On that, there's no argument.

The pinch of a masculine thumb and forefinger is about double the amount, say, of a woman whose digits are small. This difference can and does make a startling difference when certain ingredients are used. Take thyme, for example, or any of the really potent herbs: too much will cause a dish to be strongly flavored, almost unpalatable. The purpose of an herb is to enhance natural flavor or to delicately implement it. It must never dominate.

Why doesn't some enterprising manufacturer make a pinch spoon? It should have a ready sale. Basically, as closely as I can estimate, a pinch is about one-half of an eighth teaspoon. To play safe, that's the measurement I use when a pinch of this or that is indicated.

"Add a little"—that's another obnoxious cliché. It's misleading and has probably contributed to more mediocre dishes than we could currently list. How much is *little?* In some cases it may mean two tablespoons, while the extremist may go to a quarter-cup at one end of the scale or down to the nadir of a teaspoon. Personally, when I encounter a recipe which calls for a little of this or that, I cross it off as being impossible.

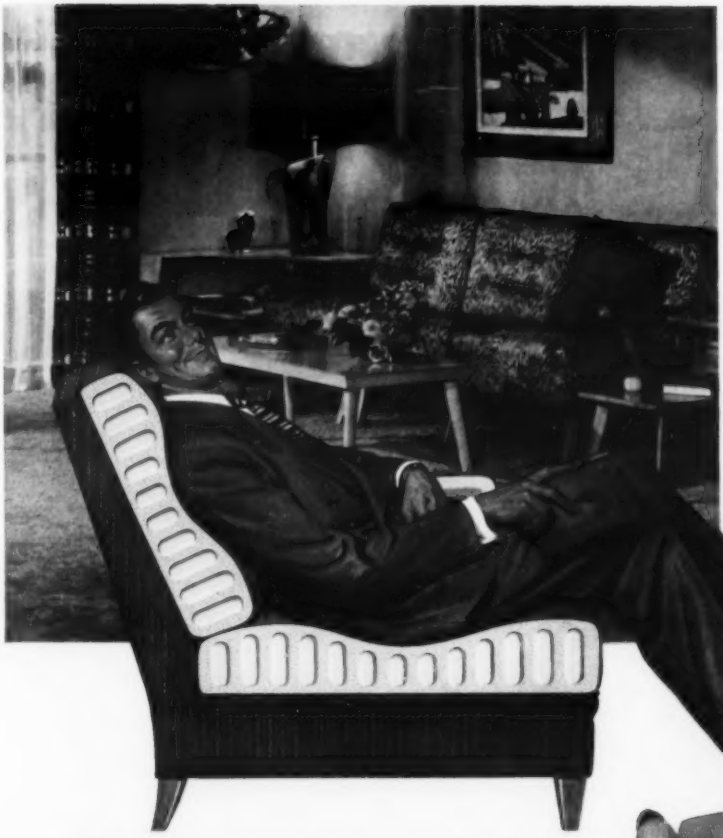
Another disturbing thing for a cook is hearing "a scant teaspoon" or "a heaping tablespoon." Just how you interpret such directions is of vital importance when the recipe calls for dry mustard, chili powder, cloves, cayenne pepper, or *orégano*. The casual cook can easily heap a tablespoon so high that it contains, in reality, nearly two tablespoons. A scant teaspoon, under some circumstances, can be approximately one-half teaspoon. Both terms should be discarded as worthless.

"Use one cup of top milk" is another perplexing direction. It's outmoded because, today, most of the milk is homogenized—the top is as rich as the bottom, and the middle has the same butterfat as either. I detour this cliché by spooning three tablespoons of cream into the measuring cup and filling it with milk. There was a time, I remember, when top milk was cream.

Another favorite cliché is "add one sliced cucumber"—and the cook suddenly realizes that cucumbers vary, ranging from middle-finger size to as thick as your wrist. Why not say "add one cup of cucumber cut up" or some other designated quantity? Thus, confusion might be avoided.

"Add the juice of a lemon," the cookbook says—a cliché, if I ever heard one! Lemons vary radically in size, depending on seasons and where they are grown. They also vary in the

[Continued on page 8]



# Here's why he's the most comfortable husband in Glencoe, Ill.

## ...his most particular wife insists on furniture

Foamex for comfort in cars

Foamex for comfort in pillows

Foamex for comfort in mattresses

**It used to be,** the most beautiful furniture was the most uncomfortable! That was before *Foamex* cushioning.

**Now, the women who are most particular** about both beauty and comfort—in chairs, in sofas, in *any* upholstered furniture—insist on seeing the little golden label that says "Cushioned with *Foamex*"...at their favorite stores.

**For this label assures you** of deep, restful comfort in the lovely, graceful pieces you yearn for. Yes, even an inch or two of *Foamex* cradles you in complete relaxation. When you get up, *Foamex* "gets up" with you—plump-perfect, never to lump, sag or hollow out. In fact, *Foamex* cushioning carries a Lifetime Guarantee!

**Best of all, this Foamex label tells you** a lot about the quality of the *whole* piece. It tells you that the manufacturer, too, is very particular. Or he wouldn't have insisted on using Firestone *Foamex*—the finest foam cushioning.

**Firestone FOAMEX** IS GUARANTEED FOR LIFE!

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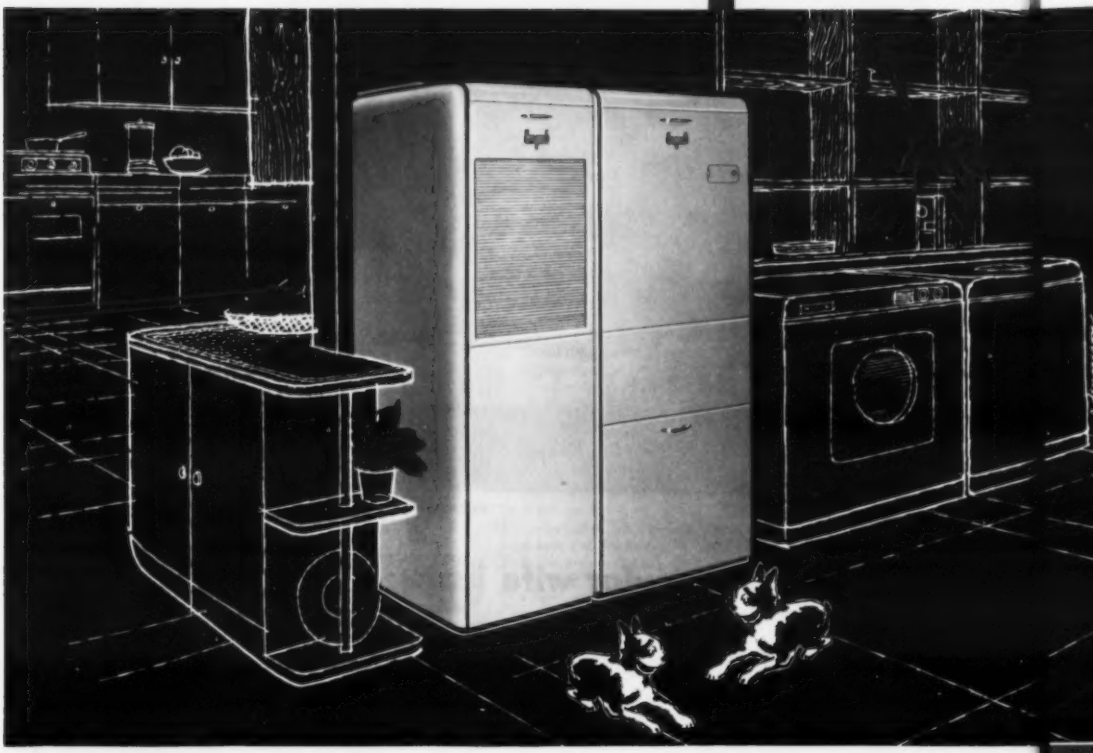
ENJOY THE VOICE OF FIRESTONE MONDAY EVENINGS OVER NBC RADIO & TELEVISION.

Guaranteed by Good Housekeeping

# NOW... A REVOLUTION IN bryant's



**ONLY THE "Command-Aire" Twins LET YOU HAVE YEAR 'ROUND CONDITIONING SO CONVENIENTLY...SO INEXPENSIVELY**

You can install both heating and cooling units initially . . .

. . . or install only the "Command-Aire" furnace member (gas or oil) . . .

. . . then add the cooling unit later according to your convenience.

# YEAR 'ROUND HOME AIR CONDITIONING

# "Command-Aire" Twins

never before

**THE OPPORTUNITY TO ENJOY YEAR 'ROUND HOME CONDITIONING FOR SO LITTLE**—Bryant's new "Command-Aire" Twins take year 'round home conditioning out of the "luxury" class . . . make it possible for you to enjoy pleasant relief from summer's heat, as well as winter's cold, at a price millions can afford—for as little as $5.94 per month added to your mortgage.

never before

**THE OPPORTUNITY TO ADD COOLING TO HEATING SO CONVENIENTLY**—With the "Twins" you can have heating and cooling initially, or start with just the furnace (gas or oil) and add the air conditioner at your convenience. It simply moves in alongside the furnace.

never before

**THE COMFORT OFFERED BY INDEPENDENT HEATING AND COOLING UNITS OF MATCHED DESIGNS**—Separate blower systems in the "Twins" assure the proper delivery of air for both heating and cooling . . . provide for better dehumidification control . . . eliminate overload on furnace blower.

never before

**HAS YEAR 'ROUND HOME CONDITIONING BEEN SO ENTHUSIASTICALLY ENDORSED BY BUILDERS**—Here's how leading builders, now installing the "Twins" in new homes, sum up "Command-Aire" benefits:

"The 'Twins' give us a way to make new homes truly modern and permanently comfortable—at a price average buyers can afford."
*Mr. David Augustus, leading Indianapolis builder and creator of the "Morning Glory House".*

"With the 'Twins' it finally becomes practical to bring *year 'round* instead of part-time comfort to new homeowners."
*Mr. F. T. Ferrigno, now erecting 210 modern homes near Hartford (Tom-Line Heights).*

"On top of real comfort, the 'Twins' give new home buyers low-cost insurance against obsolescence in their homes . . . resale value stays high!"
*Mr. E. E. Peterson, Peterson Construction Company — builders of quality homes in Lincoln, Nebraska.*

There's no place like home with a..

**bryant**®

HEATING • AIR CONDITIONING • WATER HEATING

Bryant Heater Division
17825 St. Clair Avenue
Cleveland 10, Ohio

I would like more information on this new, practical method of year 'round home conditioning.

Name_____

Street_____

City & State_____

HI NEIGHBOR!

FINISHING YOUR BASEMENT?
SO DID I.

WANT A GOOD TIP?
DO WHAT I DID.

USE PAINTS MADE WITH
PLIOLITE S-5

My paint dealer put me wise. I mentioned putting in a "rec" room. And he showed me how to finish the floors—easily and inexpensively . . . with PLIOLITE S-5.

This PLIOLITE S-5 is a synthetic rubber resin. It's made just for use in paints that need resistance to the moisture and alkalis—lime, mostly—that quickly destroy conventional paints on concrete floors and other masonry.

To make a long job short, I used an enamel made with PLIOLITE S-5. It was easy. I applied it with a push-broom in a little over an hour . . . and, it was dry in less.

The result? Take a look. It's a lastingly beautiful floor. Rich in color. High in gloss. Easy to keep clean. And virtually unaffected by hard wear plus repeated scrubbings with harsh cleaners.

I'm completely sold on paints made with PLIOLITE S-5. You will be, too. Most dealers carry them in a wide range of colors. Or you can get free literature and a directory of dealers by writing to Goodyear, Chemical Division, Dept. LI-3, Akron 16, Ohio.

**HERE'S A SNAPSHOT** of my basement. I painted the floor with a PLIOLITE S-5 based enamel—five years ago. I obtained the tile effect by laying down masking tape, then painting and lifting the tape after the floor dried.

**LOOK FOR THIS MARK**
This trade-mark on the can label assures you of the finest in masonry paints – of paints made with PLIOLITE S-5.

Our Paint contains PLIOLITE S-5 GOODYEAR Synthetic Rubber Resin

GOODYEAR

PLIOLITE—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio


## Kitchen clichés

[Continued from page 4]

amount of juice that may be squeezed from them. Too much or too little lemon can cause a lot of trouble. It can give the sauce, meat, or vegetable a strong acid taste or it can cause sauces to curdle. Too little will result in an insipid, flavorless dish. Wouldn't it be possible, just for the benefit of the perfectionist, to indicate a specific quantity of lemon juice, say, in tablespoons or cups?

You follow the recipe formula, you "cook until thickened" and what happens? Either the sauce is too thin or, more often, it's too thick. There must be an easier way of finding the solution. Why can't the cookbook writers say that the dish should be cooked, after the flour or thickening is added, for at least one minute after it reaches the boiling point? Tragically often, the sauce is too thin or too thick, or it tastes starchy or gluey. Give the cook a break: tell her just how long the sauce should be cooked. The result will be happier meals.

A favorite of the kitchen clichés is that elderly, pontifical piece of advice: "Salt and pepper to taste." If you are making a meat loaf, for example, who wants to taste raw meat and other oddments? If it's a stew or a soup, the formula-maker can say it, providing there's the final fillip of "correct the seasonings." Let's be precise, let's be accurate—let's tell the embryo cook approximately how much: that a teaspoon of salt to the pound of meat is a fairly reliable guide to follow.

"Sprinkle with bread crumbs"—you'll find this specification in dozens of recipes. What kind of bread crumbs, I ask? Fresh bread crumbs differ radically from stale bread crumbs, often are infinitely better. On the other hand, if a dish is to be baked for a considerable time, the older the crumbs the better. Why not tell us which type we should use?

Another sprinkle—this time "sprinkle with grated cheese." Some cheeses are fat, others are dry. Should we use Parmesan cheese or should we try grated American? How much is a sprinkle? Should it be heavy or light? The difference might make the difference between a superlative dish and one that is poor. Make sure of definite quantities and kinds before you go ahead.

"Garnish with lemon slices"—it sounds like good advice, but in the name of the culinary gods, tell us how thick the slice should be! A thin slice of lemon with a thick cut of broiled fish is frustrating and annoying. It scarcely anoints the dish. Let the slices be generously thick. Me, I prefer a quarter of lemon with my broiled fish, and I think others prefer the same. Top-flight restaurants recognize this attitude on the parts of their clients, invariably serve quartered lemons, with extras on tap. Remember, the garnish must serve a useful purpose. Don't cheat your family or guests. If you want to do a really good job, serve a small jug of hot lemon or lime juice and let them help themselves.

Bake in a "medium oven"—sound advice, but what is a medium oven, according to thermometer or control? It should be 300 to 325 degrees, no more and no less. Why not tell us what a medium oven is? A hot oven, by the same token, is between 425 and 500 degrees, but watch that temperature, for it should never be used for sustained times.

When the cook strikes too many of the clichés, she begins to lose her faith, to become confused and angry. After all, there will come a time when she will be more adept, when she will be able to improvise and be able to know automatically just how much salt to put into her meat loaf or how much *orégano* is needed for a good spaghetti sauce. But there is an interval when all cooks are new, and perhaps a little timid and unsure of themselves. That's when the young cook needs a little more than a modicum of culinary advice.

Let's eliminate the clichés and give the cooks a new world of assurance. Let them learn the art and science of cookery by giving them accurate directions. They need that assurance, and they also deserve it.

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Eating outdoors is twice as much fun and appetites are twice as big. And the nice thing now is that these West Bend appliances and serving ware bring the modern conveniences of your home right outside, too. Look for them at housewares and appliance stores in the U. S. and Canada.

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**By Professor Walter Lyman Upson,** *Consultant, Customer Service Bureau, Torrington Research Laboratory*

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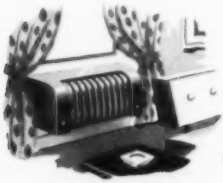

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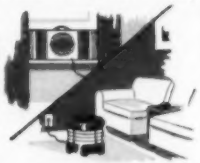

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# OUR FILE BOX

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**Sewing machine**

## Color chart

I have found a handy trick for changing my sewing machine attachments in a jiffy. I dab a different color paint on each attachment, and then make a list of each with its corresponding color. I paste the list in the top of my attachment box (can be put wherever most convenient). Just a glance at the chart and I can pick out the needed attachment. This method is a great timesaver. Mrs. J. Inman, Atascadero, Calif.

**Worn sheets**

## Old linens—new look

I no longer have to discard sheets that are too short for the bed, or worn and frayed at the edges. I discovered that I could add length to the sheets and complement my color scheme at the same time. I open the top hem, and add a colorful border which adds about six inches to the length of the sheet. I trim the pillowcases with the same material, and the result is a new set of linens. Mrs. G. Case, Houston, Texas.

**Marred walls**

## Paint patching

Those annoying scratches and chips that appear on walls and furniture between paintings can be easily eliminated. Whenever you are painting walls or doing other odd paint jobs, fill an empty nail-polish bottle with some of the leftover paint. When a scratch does appear, the right color paint is on hand, and the small brush is just the right size for touching up the crack. Mrs. Joan Armstrong, Alhambra, Calif.

**Ironing**

### Fringe flattener

I have discovered that an ordinary hairbrush, added to the ironing equipment, is an excellent aid in pressing fringed articles. The tangled, hard-to-press fringe is quickly dampened and smoothed down, and pressing it flat becomes an easy matter. Place mats, napkins, guest towels, scarves, any household article with a fringe, stay fresh and new-looking with very little effort. Hint from Mrs. Paul Sires, Dike, Iowa.

**Informal dinner**

### Novel place cards

Place cards made from alphabet macaroni are a hit at an informal dinner. The guests have fun finding their seats; they are also inexpensive and easy to make. The letters may be pasted on glasses, butter plates, or colored cards which fit in with the table decorations. They may be used plain or painted. For special occasions, after painting, sprinkle with gold or silver dust. Mrs. Zetta Lindsay, Los Angeles, Calif.

**Removing stains**

### Butter and ashes

When stains result from a glass of liquid placed on the coffee table or end tables which have no glass covering, I have a quick-and-easy method of removing them. I take softened butter and mix it with cigarette ashes, mixing well to form a paste. I then rub the mixture over the stain, and it quickly blends into the wood. Water spots and glass rings on wood surfaces are no problem. Mrs. Ross Keller, New York, N.Y.

**Kitchen**

### Bottle brightener

There is an easy way to get those hard-to-clean bottles shining without soaking them for hours. All you need is soap and water, ammonia, and a bit of rice. Fill the bottle with soapy water, add a few drops of ammonia, and about a tablespoon of rice—depending on the size of the bottle. Shake the bottle vigorously for a few seconds. Dirt particles and film are removed instantly. Mrs. Collette Whitlock, New York, New York.


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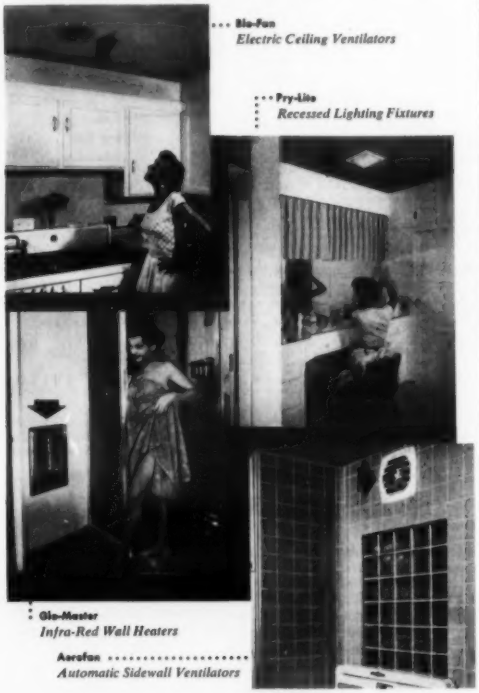

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# SPADE AND TROWEL

*If you have a gardening problem, LIVING For Young Homemakers' garden experts will help solve it for you. Queries of general interest will appear on this page every month. For a prompt reply to more specific and individual problems, send us a stamped, self-addressed envelope.*

**Q.** Please recommend a very low-growing plant that I can use to cover the bare ground under my lilac bushes. They grow in a space that measures about 12'x15'. If possible I would prefer a plant that gives a good year-round effect. B. B.

**A.** Bugleweed *(Ajuga reptans)* is perhaps your best bet if you want something that grows almost flat on the ground. You should keep an eye out for stray seedlings that are likely to come up in the near-by lawn and which spread rapidly.

**Q.** A foamy white substance has suddenly appeared on the stems of several of my garden flowers. What is this, and will it do any harm to the plants? P.R.V.

**A.** It is probably the protective covering of spittle bugs which are somewhat harmful to plants. Spraying or dusting with rotenone of pyrethrum should eliminate them.

**Q.** Nearly every summer the stems of my muskmelon plants turn yellow, then the fruit dries up and drops off. Can you explain what the trouble is? G. S.

**A.** Possibly more fruit is formed than the vines are able to develop properly. Drought, insects, or blight are other possible causes of the trouble.

**Q.** There is a telephone pole in the corner of our plot that is a dreadful eyesore. Would you suggest a vine that would improve its appearance? T. S. H.

**A.** Virginia creeper would be good, or you might prefer a trumpet vine. In either case, watch it carefully because these vines will tend to spread away from the pole as well as up. You will be wise to tell the local telephone company what you have in mind before you begin planting.

**Q.** My large, Chinese evergreen which is planted in soil seems to be doing poorly and it is losing its lower leaves. Have you any idea what might be wrong with it? P. J.

**A.** Without details as to how the plant has been treated, it is impossible to give a definite diagnosis. But try taking the plant out of the soil, cutting back the tops about one-third, and growing it in plain water for awhile.

**Q.** I have had several large-flowering climbing roses for four years but, though they seem very strong and healthy, they have never bloomed. Every spring I cut their long shoots way back to make them branch better, but I still have no luck. A. J. O.

**A.** You should not cut these long shoots for it is from them that flowering branches develop. Do no pruning for the next two years and see what happens.

**Q.** The blossoms on my tomato plants drop off before the fruit forms. What is the cause of this and is there anything I can do about it? B. A.

**A.** An uneven water supply, lack of phosphorus in the soil, or unfavorable weather may be the cause. Try cultivating one-half pound of superphosphate lightly into each square yard of surface soil, and give each plant a three-inch mulch of straw or some other loose material to shade the ground around it.

**Q.** Is there any reason why we should not use galvanized piping to build a grape arbor? In our community, termites seem to get into every kind of wooden post and destroy it. J. A. C.

**A.** Pipe will be excellent for an arbor in every respect. Two-inch diameter will prove the best size in most cases.

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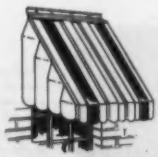

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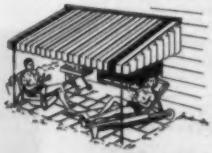

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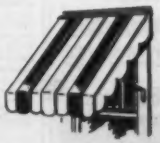

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**Back-yard barbecues** will be more fun and less work with this handy brazier. Designed to fold flat, it is made of metal with sturdy iron legs, heavy iron grill. There is an adjustable bottom draft as in the more expensive braziers. 14½" high, 17" wide, in bright red and black, with carrying box, $5.95 plus 35c post. Foster House (L-52), 15 Cole Court, Princeville, Ill.

**Party plaid.** When guests arrive, don this attractive apron for serving cocktails and passing tidbits. In a smart tartan plaid, the large pocket is stenciled with a festive rooster design, spiked with sequins and a fringed edge. Launder in mild suds. $3.50, ppd. Village Vendors (L-52), 1733 Barrington Court, Los Angeles, California.

**Bridesmaid bowl.** This lovely reproduction dates back to early days when the custom was for this gift to be given from bride to bridesmaids to hold portions of the wedding cake. Today it is a decorative piece to hold candies, cigarettes, or a plant. Authentic milk glass with scroll design, 8½" high, $4.50, ppd. Gilbert & Leonard (L-52), 1544 Northern Blvd., Manhasset, L. I.

**Summer S O S.** Use this hurricane lamp for electrical storms and power failures. In black wrought iron with chipproof finish, it is a decorative accessory for porch or terrace in fair weather. Wall bracket has a loop for attaching lamp with curved handle, glass chimney is removable. With 5" candle, 19" over-all, $6.50, ppd. Jenifer House (L-52), New Marlborough Stage, Gt. Barrington, Mass.

# WORTH

**Young homemakers** like to decorate their kitchen walls, and here is a kit with two cross-stitch samplers that will be fun to finish and frame. Each measures 9" x 11"; the designs are stamped on superfine white linen; all embroidery floss needed and two block frames are included. $3.95, postpaid. Susan Smith Co. (L-52), Dundee, Ill.

**No tugging** or lugging of heavy plants if you have this clever four-wheeled base known as the "plant walker." It is made of waterproofed California redwood. Practical and attractive for both indoors and out, it measures about 11½" square. A plastic pan that fits underneath to catch any excess water is included. $6.95, ppd. Gift Sources (L-52), Springdale, Connecticut.

**Service à la carte.** For buffet meals, cocktail parties, informal dining out of doors, this tea-trolley is a must. Imported from Sweden, it is made of blond birch, light to handle, but sturdily designed. 30" wide, 16" deep, 25" high, collapses to 4" wide for storing. With rubber wheels, only $29.95, exp. chgs. collect. Woodhall Inc. (L-52), 55 Center Street, Waterbury, Connecticut.

**Snack mats,** made of heavily embossed plastic and looking very much like real linen. Decorated with jolly tipplers—Bavarian, Scotsman, Frenchman, and Mexican—in red and black on white, each is 6" x 9". They will not peel, crack, or fade. Set of 4, $1.75, ppd. Order from the House of Schiller (L-52), 180 N. Wacker, Chicago, Ill.


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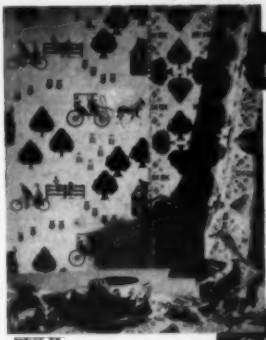

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These hangers are adjustable and will hold shelves 8" wide, up to 48" long. Wood shelves to your specifications are easily purchased at local supply store and finished to your own color scheme.

24" hi — 2 shelf unit — $4.95
36" hi — 3 shelf unit — $6.95
48" hi — 4 shelf unit — $8.95

Prices quoted on larger units made to order

Shipped postpaid. No C.O.D. please. Order direct from:

alton studio

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Your choice of any of the trivets pictured, in sparkling heavy brass approximately 10" long and cast from original antique molds $3.25 each. Any 3 for $9.75; 6 for $16.50 postpaid. In cast iron, smoky black finish. $1.00 each.

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It's salad time and everyone loves crisp, delicious salad served to his own taste. The perfect gift. Lustrous cherrywood 7-piece set, as shown, includes pepper mill and salt server; 2 salad bowls (larger one 10"); both serving tools and wrought iron stand. Just $9.95 ppd.
4 additional serving bowls just 2.95 ppd.
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Enroll me as a member of the Helmor Sterling Club. Send me ..... place settings of ..... pattern. I will pay $2.00 per month for each setting. Prices include Federal tax and are for one six-piece place setting. Teaspoon, Salad Fork, Butter Spreader, Cream Soup Spoon, Knife, Fork.

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$5.75 the pair, postpaid

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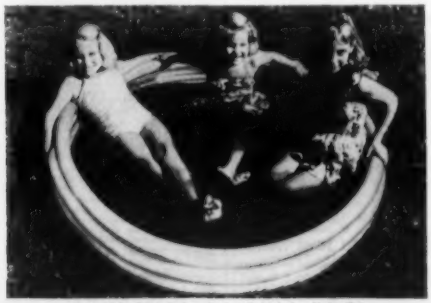

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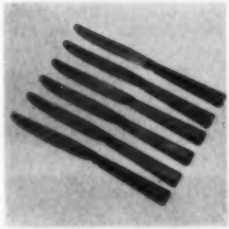
A perfect solution for keeping the kiddies safe and contented in your own back yard. Made of 3 rings of world-famous FIRESTONE VINYLITE PLASTIC, in two-tone color combination. Tough and durable, pool keeps its shape and color thru all the abuse youngsters will give it. Inflates with a few easy puffs. Round pool illust., 57" x 57" x 9"—only $8.95 ppd. Oval pool, 67" x 57" x 9"—$10.95 ppd. Satisfaction guaranteed. Send check or M.O. to: CAL SALES, 1104 N. OAKLEY, CHICAGO 22, ILL.

# YOUR MONEY'S WORTH

**Tripod table** measures a good 48" long, is designed with six racks to hold current magazines, is sturdy enough to use for extra seating. Made of pine in a modern blend or in antique waxed pine finish, 12" wide, 15" high. A wonderful extra addition to any room, $25, exp. chgs. coll. Craft-Wood Products (L-52), Osgood Street, Andover, Mass.

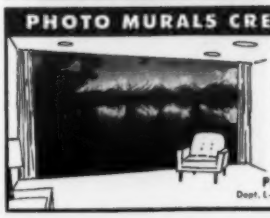
**Cheery breakfasts** will be in order when you have this delightful set of place mats and napkins. Three calico roosters crow *Good Morning* on the mat, mat-size napkins have exactly 64 farmyard fowl preening under a bright, rising sun. Hand printed on oatmeal linen, in red or green. Two mats, two napkins, $4.75. Four of each, $8.95. All ppd. Holiday House (L-52), Upper Montclair, New Jersey.



**Set of six.** Good to have on hand for outdoor meals, kitchen suppers, steak dinners, these handmade knives have forged stainless steel blades with serrated edges for easy cutting. The attractive handles are made of *Pakkawood*. Gift boxed, the set is $4.95, ppd. Write to the Nutmeg Tree (L-52), 70 East 45 Street, New York 17, N. Y.

**Your very own.** Here is a clever way to put your signature on your needlework. Made in a satin-type fabric, each of these labels is printed with any name up to fifteen letters to be sewn into suits, dresses, sweaters. Your choice of three designs, "hand made by," "hand sewn by," "from the needles of." Set of 10 labels, $1, set of 25, $2, set of 50, $3, all ppd. Designs Publishing Corp. (L-52), 211 East 37th St., New York 16, N. Y.

**PHOTO MURALS CREATED FOR YOU**



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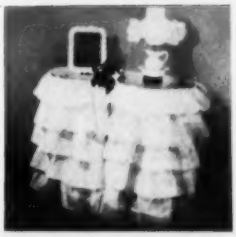
# YOUR MONEY'S WORTH

**Lighthearted.** This new lamp, with free-and-easy lines, is smartly styled with black matchstick base, rubber-footed for non-scratching purposes. It makes the perfect lighting addition to every setting, has 3-way switch. 22½" high for table or chest, the white *Fiberglas* shade is 10" x 7". $13.50 each, $25 the pair, ppd., add 50c per lamp west of Miss. The Felices (L-52), 545 Fifth Ave., New York, N. Y.

**Not a nuisance,** but decorative and useful. This cleverly designed fly, imported from England, is cast of gleaming brass. Use it as an ash tray, have it on the desk to hold paper clips or stamps, on your sewing table to hold pins, or dressing table for hairpins. 3½" long, 2½" high, a most unusual "little" gift for a friend or for yourself. $2.95, ppd. Order from the House of Bronze (L-52), Carmel, Ind.

**Swirling sconces** for hallway, dining area, or bedroom. Each is 16" in height and 6½" in width, with a double holder for candles. Designed in *Syrocowood*, you can have this pair of rococo sconces in chalk-white with touches of gold or French gold over-all. A highly decorative touch for your walls, they are $9.95 a pair, exp. chgs. coll. Henry Rosenzweig (L-52), 723 Lexington Ave., New York, N.Y.



**Rows of ruffles,** made of permanent-finish organdy, to glamorize any-sized dressing table. Fine picot edges and a full lining make this a handsome skirt, available in either three large tiers, or five medium-sized tiers, as photographed, $6.98. The old-fashioned pitcher lamp with organdy shade in matching frills, $11.98. Both ppd. Order from the Four-In-One Shop (L-52), 63 Broad St., Stamford, Conn.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Marvellous for LINEN-BUCK-PASTEL SHOES, SHEER MAGIC for LAMP SHADES.
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You'd regularly pay 75¢ and more for this quality. Our custom made price only 45¢ a sq. ft. for standard 9 ft. (width or length) sizes. Special sizes, 50¢ a sq. ft. Light natural color. Bleached white, checkerboard, 36" squares also available. Send 60¢ for sample square.

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Now! See television from any place in your room, simply by turning the swivel top of the table.
Perfect for serving and eating, too!
Clear-finish blonde hardwood top mounted on heavy-duty ball bearing swivel that is welded to sturdy, smart-looking wrought iron legs. Table height 19" for best viewing. Table top 22" square. Legs and edge of table top in decorator matte black finish. Plastic glides on legs to protect floor.
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**LAZY SUSAN TABLE**
Hand fashioned by career craftsmen from solid wild cherry and solid walnut. Choice of highly resistant hand rubbed, satin smooth finishes. In keeping with the finest surroundings. Reflects hospitality and charm of Colonial days. Diameters 48" or 60", regular or extendable. Lazy susan is removable. Starting price approx. $125. Open stock. Send 20c for genuine photos, wood samples, prices, descriptions of gateleg, coffee and end tables, hutch and corner cupboards, chests, chairs, other authentically designed Early American reproductions. Guaranteed. Visitors welcome. Write Dept. 701.
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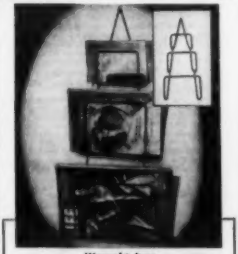

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Here's a magazine rack you do have room for . . . just hang it in any convenient spot! Three graduated tiers (comparable) hold all your current periodicals . . . digest size on top, "Life" size on bottom, others in the middle. Done in smart, chip-proof, go-with-everything, black wrought iron, 17½ 31" long, 10½" wide. Clever gift idea!
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**RUST-RESISTANT** Phosphate coated for use indoors and out.
**MATTE BLACK FINISH** Blends with any decor.
**HIDDEN MOUNTING** Flat plate won't show
**NO ROUGH EDGES** Are welded on the inside. Ground to smooth finish
**UNLIMITED USES** Simply attach to plywood, flush doors, etc., with a screwdriver to create your own custom pieces. All screws included.

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Prices are for set of four legs

| Height Leg | Attach Under | HAIRPIN Specify ⅜" or ½" Rd. | DIAGONAL ⅜" Rd. |
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| 6" | sofa, couch | $ 5.55 | $5.25 |
| 9" | bureau | 5.75 | 5.45 |
| 12" | coffee tbl | 5.95 | 5.65 |
| 14" | coffee tbl | 6.65 | 5.85 |
| 16" | cocktail tbl., bench | 6.95 | 5.95 |
| 19" | TV, lamp, end tbls | 7.95 | 6.75 |
| 22" | TV, lamp, end tbls | 8.95 | |
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Up and down the banks of the Seine, in innumerable sidewalk cafes, this chair has become a landmark. We've imported these very same chairs from their original maker in the British Colony of Hong Kong. Here they are: Made of finest quality cane, large and roomy 18" seats, 28½" overall height. At home anywhere—in living rooms, bedrooms, porches and patios whether traditional or modern in decor. Order several today.
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***That's Thermostatically Controlled***

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The wonderfully new SIBCO VAPORIZER protects your establishment from these pests "at all times." People can now come and go in your premises without being annoyed by these dreadful insects—you won't see another insect any more within the confines of your place once the SIBCO VAPORIZER gets started. This revolutionary electric insect killer (with Kiltex tablets) does all the work for you SAFE, INVISIBLE, ECONOMICALLY, INCONSPICUOUSLY. Just plug in the cord—"presto" the SIBCO VAPORIZER goes to work quietly giving off the vapors which destroy insect pests. Imagine a butcher shop free of flies or a grocery store that can have food about without worrying about these insects being attracted.

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Throw out that old fashioned fly paper, spray gun, fly swatter, insecticide bomb, etc. Sit back—relax—let the SIBCO VAPORIZER kill automatically those insects that enter your quarters. You can't afford to be without this continuous protection.

SIBCO VAPORIZER plugs into any 110-volt AC or DC outlet, on just 10 watts of current. Completely effective up to 15,000 cubic ft. Requires no attention . . .

**THOROUGHLY TESTED**
A prominent Testing Laboratory found after extensive tests that after 7 minutes 80 to 90% of the insects in a room where the Sibco Vaporizer was performing were dead. After 9 minutes 100% were dead. Amazing . . . yet it's been proven true.
Recommended for business establishments, farms and wherever the nuisance and menace of flies, bugs, insects exist: Barns, Hotels, Commercial Kitchens, Kennels, Motels, Poultry Houses, Printing Plants, Textile Manufacturers, Theatres, Restaurants, Supermarkets, Bakeries, Groceries, Butcher Shops, Warehouses, etc.
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Check here for refills:
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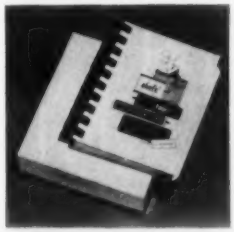
Dealer Inquiries Invited

# YOUR MONEY'S WORTH

**Cruet companions,** dressed up with their own tray to have at the table for mixing salad on the spot or for individual servings. Made of clear glass, the cruets are shaped like beakers, stand 5" tall. The unusual 4" x 12" tray is of *Plexiglas*, which looks and feels like wood, has a handsome grained black surface. $7.50, complete, ppd. Order from the Pitts (L-52), 20 Romolo, San Francisco, Calif.

**Attractive additions** to home or office walls. These two, large, full-color prints, signed by well-known artists, are deftly hand-screened in colors as fresh and glowing as the originals. They make ideal gifts, are ready for framing. 20" x 26", printed on heavy stock: *Regatta, Paris Sketch* (shown), and *Boatyard*, $5 each, $13.50 the set, ppd. Kenross Studios (L-52), 97 W. Dedham Street, Boston, Mass.



**Chef's tour.** This booklet of recipes will take you on a visit to foreign cuisines, show how easy it is to make and serve authentic native dishes with ingredients from the corner grocer. Illustrated in four colors, the pages are washable plastic, joined with colored plastic bindings. Gift boxed, $1.50, ppd. From Sylvia Moss Gifts (L-52), P. O. Box 334, Glenbrook, Conn.

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An attractive way to serve appetizers, salads, soups (hot or cold), or desserts. "Vine-ripened" Holloware melon on the half shell looks good enough to eat when filled with berries, fruit, or ice cream. Practical, too . . . warm foods retain heat, chilled foods stay cold in thermally insulated Holloware Bowl. Natural color cantaloupe measures 4½" across, 2" high; green basket-weave saucer is 5½", $1.95 per place setting, ppd. Set of four place settings, $7.50. No COD's, please. Money back if not delighted. Collector's Corner, 527-39 West 7th Street, Los Angeles 14, California.


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AROUND THE-WORLD SHOPPERS CLUB
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**Bring your own.** This smartly designed plaid jacket will guard liquid refreshment for picnics, beach parties, baseball games. Made to fit any quart bottle, it is lightweight, has a zipper closing at the bottom, four plastic cups that nest on top. In red, green, or blue plaid, $5.95, ppd. Order from Serv-U (L-52), 829 Washington St., New York, N. Y.

**Clipper ship** skippers used a weatherglass, and you'll enjoy this fine reproduction made entirely by hand. As sensitive as the most perfect barometer: water, tinted any color, will rise in the spout to warn of bad weather to come. The glass hangs on an attractive verdigris green metal bracket. Only $2.50, ppd. From Johnathan Pike (L-52), 41 Yankee Division Highway, Peabody, Massachusetts.

**Modern minded.** The flower box has been streamlined to be functional and, at the same time, decorative. Its sides are made of double-thick mirror, interior is equipped with light bulb, wiring, etc., making it a spot of light for your room, perfect for TV. The plants, included, are made of plastic coated muslin. 12" x 4" x 4", $9.95, ppd. John H. Nussbaum (L-52), 40-05 150th St., Flushing, Long Island, New York.

*Aluminum* patio chairs

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RUFFLED 6" baby hooded, dainty edged, permanently stitched ruffles. All sizes wide enough to criss-cross (as shown) or hang Priscilla style.

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| 86" | 54" | 9.98 | 5.98 |
| 86" | 63" | 10.98 | 6.69 |
| 86" | 72" | 11.98 | 7.69 |
| 86" | 81" | 12.98 | 8.39 |
| 86" | 90" | 13.98 | 8.98 |
| 86" | 99" | 14.98 | 9.69 |
| 174" (Double Width) | 72" | 22.98 | 14.98 |
| 174" (Double Width) | 81" | 24.98 | 15.98 |
| 174" (Double Width) | 90" | 26.98 | 16.98 |
| 174" (Double Width) | 99" | 28.98 | 17.98 |
| 250" (Triple Width) | 72" | 32.98 | 22.98 |
| 250" (Triple Width) | 81" | 34.98 | 23.98 |
| 250" (Triple Width) | 90" | 36.98 | 24.98 |
| 250" (Triple Width) | 99" | 38.98 | 25.98 |
| 324" (Quadruple Width) | 90" | 46.98 | 34.98 |

TAILORED Distinguish any room. Double stitched 1½" side hems. Ample bottom hems, beautifully stitched.

| 78" wide to pair | Length | Usually | NOW |
|---|---|---|---|
| " | 36" | $ 5.59 | $ 3.59 |
| " | 45" | 5.98 | 3.98 |
| " | 54" | 6.39 | 4.39 |
| " | 63" | 6.98 | 4.79 |
| " | 72" | 7.79 | 5.39 |
| " | 81" | 8.49 | 5.79 |
| " | 90" | 8.98 | 5.98 |
| " | 99" | 9.49 | 6.49 |
| " | 108" | 9.98 | 6.98 |

TIERS Add that elegant "decorator" look to a room. Use singly or tier on tier (illustration shows two pairs).

| 72" wide to pair | Length | Usually | NOW |
|---|---|---|---|
| " | 30" | $ 4.98 | $ 2.98 |
| " | 36" | 5.39 | 3.19 |
| " | 45" | 5.98 | 3.39 |
| " | 45" | 6.49 | 3.79 |

ORDER BY MAIL WITH FULL CONFIDENCE
MONEY-BACK GUARANTEE WITHIN 30 DAYS IF NOT SATISFIED

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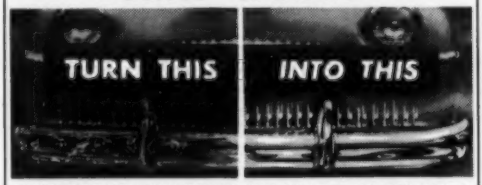
31 W. 27th St., N.Y. 1, N.Y.
Please send me the following Fiberglas curtains.
Mailing Charge
To prepay add 30c for first pair; 10c each additional pair.
I enclose $..... Check ☐ M.O. ☐ C.O.D. ☐

| RUFFLED Quan. | Size | Price | TAILORED Quan. | Size | Price | TIERS Quan. | Size | Price |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Name.....
Address.....
City..... State.....

# AT LAST!
# A CHROME RESTORER THAT WORKS




**AMAZING NEW 2-WAY CHROME PROTECTOR WIPES AWAY RUST—PITS—CORROSION—IN JUST 2 MINUTES! STOPS RUST FROM FORMING! KEEPS CHROME MIRROR-BRIGHT!**

Now keep your bumpers, grillwork, window-frames, all chrome on your car sparkling bright as the day you bought it. Keep it rust-free for life. No matter how badly pitted or scarred, this sensational new 2-Way Chrome Protector wipes it Mirror-Bright, prevents new rust and corrosion from forming!

only $2.00

**Complete Chrome Protector Kit containing:** 1—Bottle of **RUST REMOVER** chemical with special applicator. Enough to remove all rust from car. 2—Can of **PROTECTOR Chrome** rust preventer and applicator. Enough for years of safe protection.

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**ONE APPLICATION LASTS ENTIRE SEASON**—Gives you safe, foolproof protection against vicious biting erosions of **SALT AIR—SUN—RAIN—SLEET**—etc.

**RESULTS ABSOLUTELY GUARANTEED OR MONEY BACK! Enclose $3** check or money order with your name and address.

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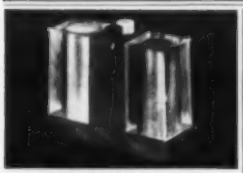
Dept. C-943, 799 Broadway, New York 3, N. Y.





**PUSH BUTTON SALT AND PEPPER DISPENSER**

Two sparkling-bright, crystal-clear Lustrex containers permanently attached to decorative, colorful body make this an attractive and useful table accessory.

**MOISTURE PROOF.** Salt and pepper **always** flow freely under **any** atmospheric conditions.

**ATTRACTIVE COLORS.** Body comes in 4 attractive, decorators' colors: Green, Chartreuse, Red, Yellow.

**SPILL PROOF.** Upright, on its side or upside-down it **will not spill** any of its contents.

**MANY USES.** Ideal, all-purpose use . . . for all dining tables, kitchens, barbecues, picnics, etc.

**IDEAL GIFT** for many occasions, as well as for Bridge prizes, party prizes, grab bag prizes, showers, door prizes, table souvenirs, etc.

Send Check or Money Order. No C.O.D.'s please. ONLY $1.00 postpaid. All orders shipped on day received.

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**PORTA-BED** folds to a snug suitcase size. For traveling, visiting, outdoors, small apartments or as a regular baby bed. Strong aluminum frame supports sturdy duck and netting crib. Folding waterproof mattress rests on Masonite bottom. No latches, nails or screws. Safe for baby. Ready for immediate use. The open PORTA-BED is 46" long, 24" high, 22" wide. Adjustable in depth for children up to 5 years. Weight: 12 lbs., color soft blue. $22.95 ppd., complete with mattress. Money-back guarantee. Orders filled promptly.

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Jacket of woven gingham frosted with white pique. A find at this pinch-penny price! Gay plaids, predominately navy or green. Small, medium or large sizes.

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Hundreds of thousands of enthusiastic users. Kills fleas, ticks and lice instantly. Heals sores, eczema and rash. Cleans hair and hide . . . removes odors . . . eliminates bathing. Leaves coat soft and lustrous. Absolutely safe for cats, too.

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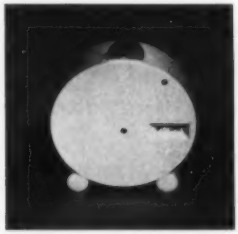
Makes one gallon of Tolchard Dog Lotion. Postpaid. Send check, or Money Order (C.O.D. 30¢ extra)

**TOLCHARD CHEMICAL COMPANY**

# YOUR MONEY'S WORTH

**Meet Cindy,** a new paper doll. She is made of heavy cardboard, her 10 different ensembles have a special backing so that they stick to her and won't fall off the way they usually do with shoulder tabs. Little girls will love Cindy, with her bangs, freckles, and up-to-the-minute wardrobe, all for $1.00, ppd. Order from De Journette Enterprises (L-52), 264 Techwood Drive N.W., Atlanta, Georgia.



**Bank calendar,** ingeniously designed to show the date, only if a quarter is inserted daily. Guaranteed mechanism with a key included, this little bank will inspire you to save for that "rainy day," will automatically register today's date and amount of money salted away. $1.98 each, $3.96 the pair, ppd. Leecraft (L-52), 300 Albany Avenue, Brooklyn 13, New York.

**Water fun.** How the kids will love *Smoky the Firebout,* made of heavy vinylite, permanent reinforced seams. All decked out with vivid decorations and designed with a "whistle" smokestack, "fire extinguisher" squirter, this toy is 30" long and 20" high. Get it now for summer. $3, ppd.. Claiborne's (L-52), 2123 Pine St., St. Louis 3, Mo.


*Delicious meals in 20 minutes!*

**New cookbook is a career girl's dream come true.**

Now you can feed the man a meal you'll be proud of, in not much longer than it takes him to smoke a cigarette! 500 tested, discriminating recipes that take 20 minutes or less from *start* to *serve!* Fish, fowl, meat, soups, salads, sauces, desserts. Also, how to get gourmet results from frozen, canned and prepared foods. Not just snacks, but real hearty *meals!* Only $3.

**The 20 MINUTE COOKBOOK**

BY MICHAEL REISE

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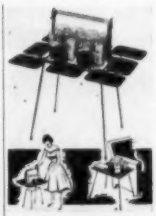

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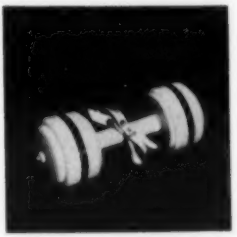
**$14.95 ppd. for 35 pieces**

**CARRY YOUR LUNCH** from kitchen to patio, living room, rumpus room—wherever the gang gathers. Wrought-iron BEV-TRAY, with handle, holds 8 colorful Sal-T-Edge tumblers, 8 tea-inch spoons, 8 black metal 4½" x 6" trays and 8 matching coasters, each with oriental design in gold. BEV-TRAY rests firmly on 18" high wrought-iron stand with rubber-tipped legs. Matching 9" x 14" serving tray also fits stand, to make useful chairside table when BEV-TRAY is not in use. Complete 35-piece set $14.95 ppd. Sat. Gtd.

*Buy NOW for Summer Serving.*

**MODERN METAL-ARTS**
Dept. L-7 3435 W. Van Buren
Chicago 24, Illinois

# YOUR MONEY'S WORTH



**Baby's bound** to get much fun out of this toy, designed as a small-size dumbbell. It is filled with tinkling bells in either end, and can be rolled on the floor or in the play pen. Made in durable plastic, a choice of three colors, blue, pink or ivory, it has a contrasting silk ribbon tied to it. Only $1.00, ppd. From Alexander & Co. (L-52), 1701 W. Hubbard St., Chicago 22, Ill.

**Wheel out** the barrow with this serving piece designed as miniature wheelbarrow. Made of black wrought iron with a solid maple bowl, it is finished in clear lacquer. Have it filled with crackers or potato chips, or any cocktail tidbits. Only $2.95, ppd. Peck Sales Co., (L-52), 52 Vanderbilt Ave., New York, N. Y.

**Don't fence me in!** But done this way, children will have fun, mother can relax or do chores. Playpenette is made of strong aluminum tubing, bottom is heavy red plastic, sides are wide cord mesh. Large and roomy, 40" square, 24" high: wonderful for summer: fill with water for a splashing pool. Set up or taken down in 5 minutes. 8½ pounds, $29.95, post. coll. Carnagey's (L-52), Tarrytown, N.Y.

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FEATHER PICTURES

Truly a decorator's item!! Imported from Mexico where they were handmade by old-world craftsmen. Brilliantly colored feathers pasted on hand-painted backgrounds to create the most beautiful birds you have ever seen. Glassed and framed with hand-carved cedar. Over all size 5½x8. You'll find so many uses for them to add that distinctive touch to your decorating.

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Eight glasses and Party Book, worth $3.75 for only $1.70. You get four each "Confederate Highball" and "Rebel on-the-rocks" glasses for less than half the nationally advertised price! They're guaranteed Libbey "Safedge" glasses. Authentically decorated with crossed Confederate flags, in full color! Famous old South Party Book included. We pay postage. Send $1.70 check or money order to:

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Send no money, pay nothing when your sample boxes arrive. Examine these cards and show them to your friends and neighbors. Unless they bring you immediate orders for many more boxes as an active Chilton Dealer, just return the cards and owe nothing. Or, if you prefer, keep them for your own use at the wholesale price. Limited offer—mail coupon today!

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21 Christmas wishes. Colorful! Artistic! With "Gold Writing" Kit — sign your name in 23 kt. Gold! Box sells for $1.25.

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12 gorgeous cards with shimmering underlays, novel tip-ons, lavish embossing and gold bronzing. Box sells for $1.00.

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Please send me the 3 boxes of Chilton Greetings described above on free approval. I pay nothing when the cards arrive. I understand the special price to Chilton Dealers is only $1 plus mailing costs and that I may return them without obligation if not satisfied.
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The AUTO-DEN "STRETCHES" from door to door . . . levels rear seat area to sleep three children. Solid platform prevents falling when playing or sleeping. ADJUSTS for one person to sit in back. Ample storage space below for luggage, packages. RAISES to convert to desk, food tray, card table, or picnic table. Ideal for town, country, drive-in theatres, sample-carrying salesmen. Quickly installed . . . folds flat . . . lightweight steel construction . . . holds 200 pounds . . . fits all cars. $9.95 exp. coll. No COD's, please. Guaranteed to delight. FIL-A-NEED HOUSE, Suite 106, 360 S. Beverly Drive, Beverly Hills 6, California.

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Combination Carving Board and Meat Block

A kitchen necessity—simplifies carving, cutting and tenderizing. Built to last a lifetime, the rugged laminated hard maple can be soaked in water without damage. Rubber legs protect table tops — prevent slipping. Two sizes available.

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Hat, Clothes, Fishing Rod, or Gun Rack

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This flexible plastic sprinkler can spray an area 15 ft. wide by 50 ft. long at average water pressure. Drape it over your hillside, twine it around your flower beds, shape it to any contour of your landscaping—it'll do a perfect sprinkling job in any position! This durable sprinkler will not rot or mildew, even if stored wet! The spray is so fine it's gentle on flowers—a real water saver! Turn the valve and it becomes a soaker. Complete with brass connector. 20 ft. length $2.75; 50 ft. length $4.95, postpaid. 5 year guarantee.

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| Thick. | Per sq. ft. | Thick. | Per sq. ft. |
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| 1/8" | $.15 | 1/2" | $ .50 |
| 1/4" | .25 | 3/4" | .75 |
| 3/8" | .35 | 1" | 1.00 |

½" thick . . . $1.50 sq. ft.

Round Stool Pads. 14" diam. 1" thick $1.00ea.

NOTE: When cutting to your pattern we will charge for rectangular area used. Add 75¢ cutting charge on orders under $5.00

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Smooth on top, "cured" on bottom for maximum resiliency and less weight.

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|---|---|---|---|
| 1" | $1.00 | 4" | 3.00 |
| 2" | 1.90 | 4½" | 3.30 |
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All you need is a screw driver—we supply the legs, screws and instructions. Fasten legs to sofas, beds, plywood, wood planks, flush doors, Formica tops, TV sets, coffee tables, etc. All rods lacquered in black, red, yellow, blue, green or white. Semi-glossy finish. FULL ½" DIAMETER. Specify type leg desired. Freight prepaid. No C.O.D.'s.

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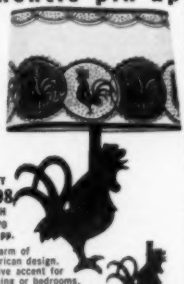

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all the charm of Early American design. A decorative accent for living, dining or bedrooms, porch kitchen, hallways, stair wall . . . with picture groups. Quaint print oval shade in red, white and black design.

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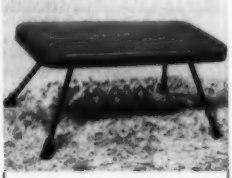

*Now little* Tots can step-up, brush their teeth, wash faces, help "Mommie" with the dishes. This non-tip, non-slip stool will be their pride and joy. So light children can carry it. Will hold a man. Top 1½" Redwood finished in its own rich, reddish-brown beauty. Wide spread, dull-black metal, rubber-tipped legs. 16 x 7 x 7½". Only $3.98, Pre-pd.

PAT-CRAFT

Box 1232 Decatur, Ill.


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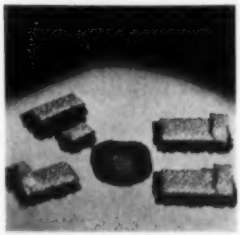
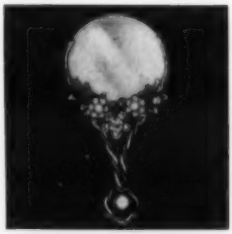


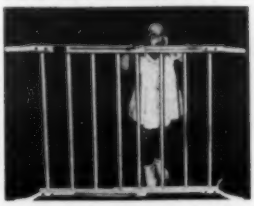
**The very young** who love playing house will want this miniature furniture for their dollhouses. Available in four settings, modern-sectional living room, contemporary living room, dining room and bedroom (shown). Cushioned seats, *Formica* table tops, plastic-covered benches and upholstering in decorator materials are highlights of the custom details given. $2 per setting, ppd. House of Ideas (L-52), Racine, Wis.

**New in nylon.** Now you can have lovely ruffled curtains in pastel shades of yellow, rose, green, and blue. Also in ivory-white, 90" wide, 54" long, $3.98; 63" long, $4.49; 72" long, $4.98; 81" long, $5.49; 90" long, $5.98. 30¢ on first pair, 10¢ on each additional pair for postage and handling. From Godell's (L-52), 31 W. 27 St., New York, N. Y.



**Mitey magnifier** to use as a smart accessory. Even though your vision is 20-20, you'll enjoy carrying it in purse or pocket. The glass is precision ground, is mounted in a heavy, gold-plated frame which is studded with fake pearls and faceted rhinestones. $4.05, ppd., tax included. Aimee Lee (L-52), 545 5th Ave., New York, N. Y.

**Utility cabinet** of a hundred uses. Constructed of sturdy steel, this four-drawer index file is ideal for all hobbyists, artists, housekeepers, etc. For stocking and storing, it is compact in size, 6" x 6½" x 8", to fit shelves or worktable. Three of the drawers have removable center partitions with index card holders for easy identification. $2.98, ppd. Order from Novelty Mart (L-52), 59 East 8th St., New York, N. Y.



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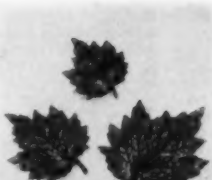
An adjustable baby gate that is not permanently attached but can be moved instantly from one doorway to another. Held tightly in place by rubber-covered clamps that grip door-casings up to 8". Has no crisscross slats to pinch little fingers or give toehold for climbing over. Height 25". Beautiful natural finish. (Pat. #2490612). 2-3 ft. doorways, $5.95; 3-4 ft. doorways, $6.95; 3-5 ft. doorways, $7.95—Express charges collect. Terry Mfg. Co., 2834 Colorado Avenue, Santa Monica 55, California.

# YOUR MONEY'S WORTH

**French find.** Gourmets will want this imported pepper mill and matching salt shaker designed in natural wood, shaped like a small barrel. The mill adjusts for coarse or fine grind, according to your taste. Both stand about 3½" high, priced at $3.50 the pair, ppd. From Adele Hunt, Inc. (L-52), 2819 North Henderson, Dallas, Texas.

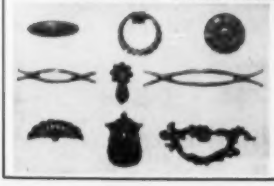
**Seersucker** for summer. This bedroom ensemble is vat-dyed, washable seersucker in pink, dusty rose, gray, blue, yellow, aqua, or forest green. Trimmed in white eyelet embroidery, twin spreads, $12.95; double, $15.95; king-size, $19.95. Sham, $3.95; vanity skirt, $8.95; 36" ruffled café curtains, $4.95. 3-letter 14" monogram, $4, all ppd. Swatches on request. Colten's (L-52), 1351 Beacon St., Brookline 46, Mass.



**Scattered leaves** in heavy gauge copper will be a crisp, clever accessory for summer suits and frocks. In three different sizes, have two at your throat, one on a sleeve. Or they can handsomely decorate a pocket, belt, purse, or hat. An original design, each has a protective finish of fine lacquer to retain the luster. $2, incl. tax, ppd. Roslyn Hoffman (L-52), 656 Broadway, New York, N. Y.

**Authentic Americana.** Our three most famous documents, *Bill of Rights, Constitution, Declaration of Independence*, cleverly reproduced on genuine parchment paper, specially processed to look 175 years old. Educational for children, decorative for office and home, easily framed, 13" x 15½" each, sent in mailing tube. This set is $1, ppd. Jeff Elliot (L-52), Station C, Flushing 67, N. Y.


FINE SOLID BRASS FURNITURE HANDLES



Use these unusual handles and pulls for your furniture refinishing or unpainted furniture. They will also add a custom look to den or living room cabinet work. Cast in solid brass. Smallest 1¼" wide; largest 6½" wide. Left row down, Nos. 1-2-3: 50c ea. Center row, Nos. 4-5-6: 75c. Right row, Nos. 7-8-9: $1.00 each. Ppd. Order by No. Send Check or Money Order. Free folder of items.

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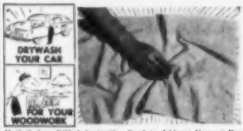
Box 41, Laguna Beach, California

NOW! Keep Dust and Dirt From Clinging on Any Household Surface
FOR DAYS AT A TIME!




New Conniver—world's most expensive household cloth—and world's best by far! Impregnated with wonder-chemical Silicone, praised by Reader's Digest. Applies tough, invisible, greaseless film that ends dirt and dust-cling for days! Big 12"x18" size.

Perfect for cars. Makes wood, metal, glass, porcelain, leather surfaces stainproof. Lasts indefinitely. Completely washable without losing strength! Nothing like it! Keep it free if you don't agree. Iron-clad money-back guarantee. Each Conniver in husky storage bag

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Try this new, amazing, scientific home method to

REDUCE LEGS!
—at Ankles, Calves, Thighs, Knees, Hips for
SLENDERIZED LEGS!

Beautifully firm, slenderized legs help the rest of your figure look slimmer, more appealing! Now at last, you too can try to help yourself, to improve heavy legs due to normal causes, and reduce and reshape ANY PART of your legs you wish or your legs all over.

Well known authority on legs with years of experience offers you this tested and proven scientific course—only 15 minutes a day—in the privacy of your home! Contains step-by-step illustrations of the easy Scientific Leg technique with simple instructions for slenderized, firmer, stronger legs; improving skin tone and circulation of legs; also normal causes of heavy legs, plus leg measurement chart for each section of leg according to height and weight.

From the very FIRST DAY you may feel the exhilarating effects of this method. A Health Culture magazine asked this authority on legs to write articles on the fundamentals of this wonderful type of method.

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Want the full size, original model of this famous chair? THIS IS IT! You get a heavy, non-bending wrought iron frame ... plus an extra strong No. 10 Duck sling with reinforced corner pockets for long, long wear! Generously proportioned for real comfort. Brilliant vat-dyed colors: Green, Yellow, Terra Cotta, Black. Use them in any room ... on the porch or patio, too. A real value ... order NOW at this SPECIAL DIRECT-FROM-FACTORY PRICE!
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- Dinette table
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| 12" | 1/2" rd. | $4.95 |
| 16" | 1/2" rd. | $5.95 |
| 22" | 1/2" rd. | $7.95 |
| 28" | 1/2" rd. | $11.95 |

Legs finished in black. Also makes attractive garden furniture.

No C.O.D.'s. Shipped Prepaid.

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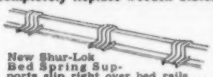
No More Slat Falls

**New All-Steel Bed Spring Supports Completely Replace Wooden Slats!**



New Shur-Lok Bed Spring Supports slip right over bed rails . . . 3 each side. Springs lock in securely. Bed can never collapse. Completely do away with squeaky, shaky, dust-collecting slats. All steel, felt-lined. No nails or screws used. Complete set of 6 only $1.75 postpaid. State whether wood or metal rails, box or coils springs, dark or blonde finish. Money back guarantee.

"UNUSUAL ITEMS"
**Brucewood Studios**
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**SURPRISE PACKAGE for the NON-EXPECTANT!**

Here's a shower, birthday or hostess gift that's real fun, for it's actually 3 extra-fine quality, knitted dishcloths arranged to look like a tiny-tot sweater and bonnet set. The soft knitted cloths are bleached extra white for realism. Edges finished in baby pink or baby blue, complete with matching bows. Gift card poem and box included. $1.50 postpaid. No COD's, please. Money back if not delighted. Specify pink or blue trim. Frye Knitting Mills, Room 500, 2117 Lemon St., Alhambra, California



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Only by KILLING THE HAIR ROOT can you be sure UNWANTED HAIR is GONE FOREVER. Brings relief and social happiness. Do not use our method until you have read our instruction book carefully and learned to use the MAHLER METHOD safely and efficiently. Used successfully over fifty years.

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Everytime you operate a Bamboauty matchstick blind it actually cleans itself. No flat surfaces for dust to lie on. Simply operated, stop at any level by flick of control cord. Equipped with valance that conceals mechanism. Installed in minutes. Paint it any color any time—or choose now one of our decorator colors: chartreuse, leather brown, monterey red, cloud gray, woodland green, sunbeam yellow or marine blue. Allows cooling breeze and daytime view but shuts out the night. Economical, about $6 for average window, custom made to your exact requirement. 5 day delivery. Order now for summer comfort.

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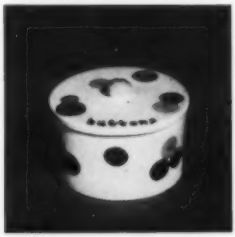
Send 25c for useful samples & guide "How to Use Bamboo."


# YOUR MONEY'S WORTH

**Summer fun.** This outing kit is just the thing to have ready for motor trips, supper at the seashore, fishing week ends, country picnics. The case is in a water-repellent brown and beige duck, holds two one-quart thermos bottles, container for sandwiches, fruit, etc. Well tailored with stitched handles, zipper, firm bottom. $9.95, ppd. Scully & Scully (L-52), 506 Park Ave., New York, N. Y.



**Buttons,** all sizes, should have their own home to be handy for sewing repairs. This little ceramic jar has a highly glazed white background spotted with all sorts of colored buttons. Even the cover knob is a button. About 2¼" deep and 3¼" across to hold a good supply, here is a cute prop for sewing corners. $1.50, ppd. Miles Kimball (L-52), Oshkosh, Wis.

**Provincial planter.** Artistically hand-wrought, this metal planter has a rustic antique-copper finish and a plant container of matching pottery. It is 16" high and 7½" wide, durably constructed to hang indoors or out. Picture it on the terrace, in a hallway, in a country kitchen. Imported, only $5.95, ppd. Write to Eckardt Imports (L-52), 3619 Shelby Dr., Ft. Worth, Texas.

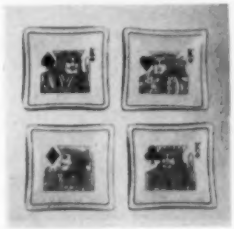
**Shampoos** are a snap with this unbreakable dispenser that prevents casualties from occurring when you handle a shampoo bottle with wet hands. Attractively designed in translucent plastic, this bottle holds six ounces, has a wide neck. No cap to unscrew and lose, simply pump out desired amount. $1, ppd. Order from The Verdugos (L-52), Verdugo City 15, Calif.

**Strikingly Beautiful Jewelry**
**Gold and Semi-Precious Stones**

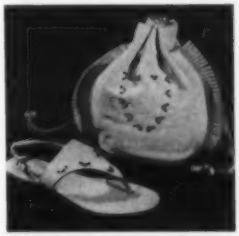
Genuine hammered gold flakes imbedded in sparkling plastic. Your choice of semi-precious gem chips of Quartz, Picks or Fire Opal for center pieces set in White Luminous, Red, Green, Black or Blue Plastic. Handsome men's set of tie-clip and cuff-links or women's set of beautiful pendant and earrings in screw on, drops or pierced styles. Styles for women's sets are Heart, Diamond or Pear. Truly a gift of distinction and lasting beauty. Your choice of either set at the low price of $8.00, tax and postage included. Two sets $12.20. Four sets $22.00.

P & R JEWELRY MANUFACTURING CO., Dept. L-4, Star Route—Box 48, Grass Valley, California

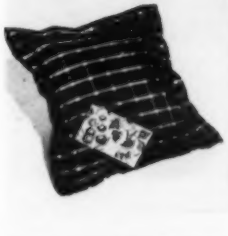
# YOUR MONEY'S WORTH



**Kingly quartette.** These imported Swedish ash trays are made of a cloudy white glass, imprinted with four kings from a deck of cards. Each is 2¾" square, an ideal size for individual place settings, or to fit around a card table. Set of four, $3.50, ppd. Order from Forless (L-52), 320 West 86th Street, New York 24, New York.



**Soft as down,** these smooth, supple thong sandals are made of washable cowhide, have an air-foam inner sole, a wafer heel. In rich summer colors of palomino gold, red, turquoise, or white, they are hand trimmed with beads. To match, a roomy drawstring bag with fringed sides, bead trim. Each is $6.95, ppd. Shoe sizes, 3-9. Miller Curio Co. (L-52), 256 East Congress St., Tucson, Arizona.



**Pillows** to punctuate sofas and lounge chairs. Exceptional in shape, covering, and filling, we show one in plaid rayon taffeta, rose, wine, hunter green, gray, or chartreuse. Completely washable, innards are foam rubber. Also in a print bark cloth, background in blue, green, white, or toast. Each, 17" square or round, $2.98, ppd. From Green Gable Gifts (L-52), 1554 3rd Ave., New York, New York.

**Matter of seconds** and you'll decap bottles with this opener which also catches the caps. You'll want one for kitchen, bar corner, on a porch, etc. Made in baked enamel, in red, yellow, or white, is easy to install with two screws, empties in two seconds. A clever gadget you'll use everyday. $1, ppd. Order from Mastercraft (L-52), 212 Summer Street, Boston, Massachusetts.

**Flying Saucer**

Just in time for summer . . . the newest idea in modern chair design. The "Flying Saucer" will add charm and beauty inside or outside your home. Metal-Canvas construction gives strength and unusual comfort. 28-in. high; 36-in. diameter; weight—12 lbs. Black metal frame. Canvas colors—yellow, red, royal blue, green and rust. Price — $29.95, Express Collect. No C. O. D. Money back guarantee. Write for catalog of new metal furniture.

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Pair $8.95 ppd.

Anyone can make these smart, sturdy, modern bookshelves to set on the floor or hang on the wall. Use these decorator styled, matte black finish, wrought iron sections to build any length using 1"x10" boards from local lumber yard. Finished case is 30" high. Order sections for a 3 ft. max. spread...a 10 ft. shelf takes 4 sections. Prices include screws and metal cross-braces to prevent sway. Only $8.95 per pr. ppd. Additional sections $4.50 each. Satisfaction Guaranteed. No C.O.D.'s please. Calif. residents add sales tax. Write for copy of FREE brochure "Build Your Own Modern Furniture"

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Lazy Lounging in your Imported "TABIS"

Washable cotton "foot-mitten" slippers with wearable canvas soles for all-around lounging or travel. A gift from the orient and oh! so comfortable to wear—and they're contoured to support the ankle. Send hosiery size 8½ to 12 (for men and children, too). Colors: Navy, red, white, yellow, black. Give second choice.

Only $1.50 pr., ppd.
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Black or Red Velveteen, flannel lined
Sizes 9 to 10½ $2.50 pr., ppd.

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Lee's Corn Cutter and Creamer cuts 5 times as fast at ¼ the labor. It's the world's fastest, easiest way to remove tender, young, green corn from the cob. Five easy strokes finishes an ear in less than 10 seconds. Saves hours of tedious, hard labor. No mess, no splatter, no old-fashioned knife to cut fingers. This amazing invention cuts, shreds and scrapes in one operation. Improves flavor. Fits all size ears. Easily cleaned. Used by many thousands from coast to coast.

order direct ..... postpaid $1.50
Club plan, 12 for $15.

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Also makers of Lee's Green Pea Sheller. Shells black-eyed and field peas quicker, easier. $1.50 postpaid. Order extras NOW for gifts. Both for $3.00.

**NO INVESTMENT or EXPERIENCE NEEDED**

Just sell WELCOME Christmas and all occasion cards to your friends and acquaintances, 21 for $1; also 25 for $1.25 with name on. You make $1 on each box of our #60 and #90 cards.

**Complete Line of AMAZING VALUES!**

Gift Wrappings, Everyday Greeting Cards and many more. All are automatic sellers that pay big! In addition, show EMBOSSED NAME-IMPRINTED Christmas Cards low as 50 for $1.50; PERSONAL STATIONERY, other imprnted items.

**SEND FOR SAMPLES ON APPROVAL . . .**

Start earning with SAMPLES of Name-Imprinted lines and assortments on approval.

Organizations, church groups: Raise money this easy way.

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MAIL NOW FOR SAMPLES!

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Please rush my FREE SAMPLES on approval, plus your selling plan

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**Early American TOY-CHEST BENCH**

34½" x 16½" x 20" high

You'll bless this chest that keeps toys under control (and not under foot!) . . . you'll love its charming Colonial flavor . . . and you'll find many other uses for this decorative piece wherever there's a storage problem! Hand-made of heavy antiqued Pine, hand-finished and dovetailed, it will hold the toys of your children and your children's children. Cut out handles and concealed sliders make it easy to move despite its very solid construction. Specify with or without gay decal.

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Write for FREE catalog of other Early American reproductions.

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FITS ANY TANK (specify A or B)

A — (A) for Exposed Pipe Tank

B — (B) for Tanks that Rest on Bowl

Tankettes give your bathroom a rich, colorful decorator-look. These luxurious high-pile, fluffy chenille covers also eliminate tank moisture to end unsightly dripping.

**12 GLOWING COLORS:** Hunter Green, Salt and Pepper, Coral, Grey, Yellow, White, Red, Mint Green, Rosy Pink, Chartreuse, Powder Blue, Wine.

**MATCHING BATHROOM RUG**

CHANDETTE, the new chenille "slip cover" bathroom rug with non-skid sponge rubber base. In colors to match Tankettes. Size 18 x 30 in. only $3.98

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For your own creations or as a gift for that friend who sews, knits or weaves.

High quality woven-edge white satin ribbon, ⅝" wide. Printed in lustrous black. Tells the world the handmade article is a creation of which the maker is proud. Complete identification—full name and town.

Send only $1.00 for 15, $2.00 for 40 or $3.35 for 100. Sorry No C. O. D. Delivery one week. Print copy you desire plainly.

LEON FREEMAN, INC., Dept. L-2
234 S. Wells St. Chicago 6, Ill.

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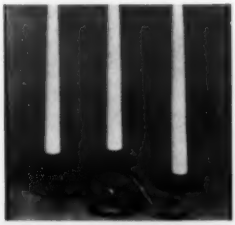
**Scouring's a cinch** if you have this decorative ceramic pitcher to hold cleansing powders. It fills from the bottom, sprinkles the contents of one whole can through the holes in the spout. A fine idea for kitchen showers, bridge prizes, etc. $1.25, ppd. Order from Black & Co., Inc. (L-52), 125-22 Merrick Road, Rockville Centre, L. I., N. Y.

**Cut to size.** The children will be pleased as punch to have this imported folding chair for their room, TV viewing, or on the beach. Sturdily made of fine quality beech and assembled with screws, it measures 24" high, 10" square seat, 12" high from the floor. It folds to a compact 12"x17"x2". Only 4 pounds, any child can carry it. $3.39, ppd. Elizabeth Edge Studios, Box 21-L (L-52), Pittsford, N.Y.

**Chef's shovel,** an ingenious and simple way to place or remove things from a hot oven. Ideal as a kitchen implement or for outdoor grills, it acts as a pot holder, lifts any dish from oven or barbecue. Made of aluminized steel, it has a hard rubber handle designed as a chef in cap and apron. 19½" long with a hook for hanging. $2.25, postpaid. Order from Seth & Jed. (L-52), Gt. Barrington, Mass.



**Taper trio.** From Scandinavia comes this graceful candelabra, fashioned of wrought iron, simply and compactly designed, 4" high, 10½" long. Most artistic for any type of table setting, designed for three candles. $4.50, $7.95 a pair, ppd. In a larger model to hold seven candles, $7.95 each, $15 the pair, ppd. Homecrafts (L-52), 799 Broadway, New York 14, New York.

**WROUGHT IRON BOOKCASE ENDS in COLOR or BLACK**

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**CUPROMETAL BAR—B—Q—ER**

Handy Grill for maximum efficiency in outdoor cooking. Easily assembled and transported—fits in car trunk. Revolving spit. Made of heavy-gauge steel. Stands on 4 WROUGHT IRON LEGS. 30" High, 24" Long, 12" Diameter. Dull black finish. No CODs. $11.95 Exp. Collect.

CUPROMETAL MFG. CORP. Box 115, Dept. LYI Corona, L. I., N. Y.

# YOUR MONEY'S WORTH

**Special cookies** are easy to make, fun to serve, and this sought-after rolling pin will do the trick for you. The maple barrel has deeply carved Bavarian designs, each picture is 1¾" x 2"; finished in a natural polished lacquer, with enameled handles in ivory or yellow; recipe included. Pin with 12 pictures, $1.85, 16 pictures, $2.25, ppd. Maid of Scandinavia (L-52), 3245 Raleigh Avenue, Minneapolis, Minnesota.

**Pink elephant,** but of a new variety. This one will come in handy for sprinkling laundry, watering plants and posies inside and on the porch. Made of highly glazed pink (with shades of gray) ceramic, this little sprinkler is about 8" high, comes with cork top. A suggestion for the bride-to-be's kitchen shower. $1.25, ppd. Howard Sales Co. (L-52), 1650 Belmont Ave., New Hyde Park, N. Y.

**Summer shampoos** for your car are a cinch with this special cleaning cloth, absolutely greaseless, woven of soft, staple fiber treated with new detergents. No water needed, just wipe off the dirt, stains, and splashes. Those who know, say a dry wash is better for automobiles to retain finishes. Cloth, $2, gloves and plaid carrying pouch $1, ppd. Kozak (L-52), 36 South Lyon Street, Batavia, New York.

**Canine convenience.** The dog in your home will love this doorbell to signal that he wants out. With a bit of coaching he will soon learn to scratch the wooden part which makes the bell ring, instead of the door. 13" high and 3" wide, it is easy to fasten about paw-high on the dog's most accessible door. $3.75, ppd. Breck's of Boston (L-52), 387 Breck Bldg., Boston, Mass.

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For host and hostess, a new and different little server for entertaining indoors and out. Made of cast stone, each pretzel-man is handpainted in gay colors typical of his profession—butler, baker, bartender. 6" tall, holding a 9" spoon for stacking pretzels, only $1.98 each, set of three, $5.00, postpaid.

*Send check or money order*

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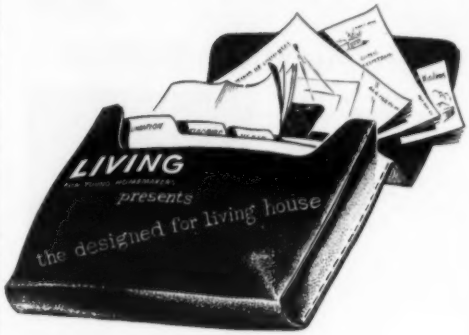


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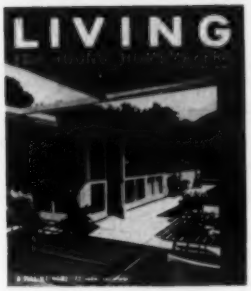


*View of house featured in* Planned to Give the Most for the Money, *page 46. Cover photography by Maynard Parker*

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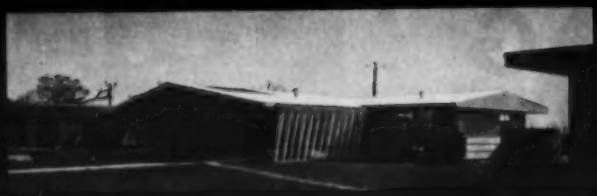


A

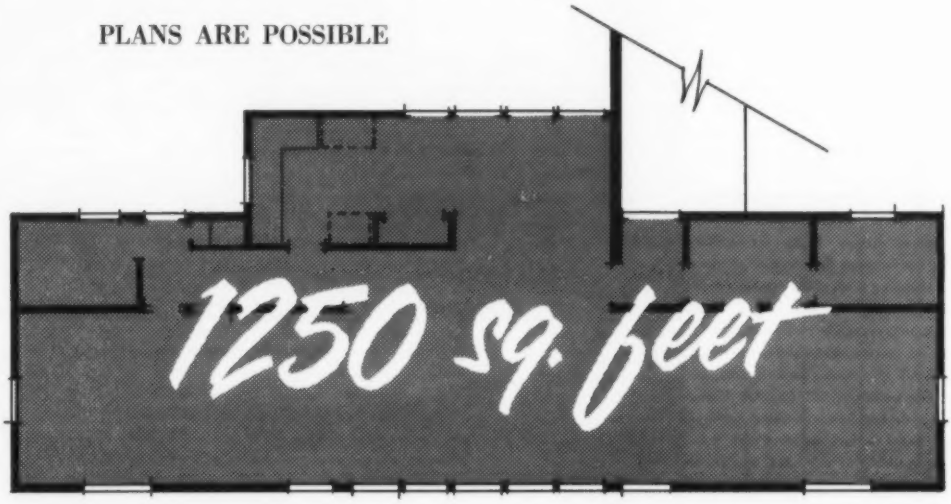
# A house that meets change

## Here is a plan so flexible and so practical that we believe it may bring about a whole new concept in home planning

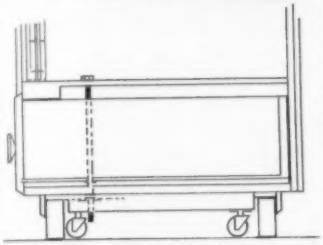
The home that seems ideal for the newly-married couple both in size and cost can become disappointingly inadequate as the family increases. Even the most elaborately devised expansible house does not always proceed according to plan when the new baby takes that portion of the budget allotted for the new addition or for finishing the attic room. Also, many young couples never face the possibility of an in-law having to share their home at some future time, or consider the fact that a rental unit would relieve the burden of carrying charges. Builder Frank Robertson, of San Antonio, Texas, has for years had in mind a house that would be adaptable to the changing needs of the average family. During his twenty-five years of home building he has seen families outgrow their homes, necessitating expensive moves or, as in his own case, he has seen homes become too large when children marry or go away to school. As a result of planning and research, he has recently completed five pilot models, called *Flexabilt* homes. After a program of thorough testing and continuing development through studies of family living in these models, Frank Robertson plans to make his system available to interested builders throughout the country. By the carefully designed and engineered device of mobile wall dividers—movable storage compartments and panels which can be moved into place to form partitions—a homeowner can make whatever room arrangement his family requires, including from one to four bedrooms. Builder Robertson and son Frank, Jr., an architectural student, worked this amazing degree of flexibility within the fixed perimeter of a basic floor plan of 1,250 square feet. In each of the five models, the living area is a corridor 12′ x 60′ with service areas and plumbing along one side. The models built on adjoining lots illustrate dramatically that the flexible interior plan in no way limits choice of exterior style or materials. Models below, right to left, have respectively, rough redwood vertical siding; unpainted stained wood shingles; finished redwood horizontal siding; painted pine siding, and painted vertical fir siding. All have some stone or brick trim. In addition to the enclosed 1,250 square foot area, each model has a carport, large outside storage locker, and outdoor living and dining areas arranged conveniently and attractively in relation to corresponding indoor areas. The total area undercover averages over 3,000 square feet. These particular houses will sell for about $21,000 (with land) because of custom-building of cabinets, hand tooling of hardware, and other experimentation expense. However, builder Robertson is confident he can eventually produce these houses to sell for $16,000 to $17,000. The many San Antonio families who have viewed the models feel that they are excellent buys even at the present price!

GEORGE SMALL

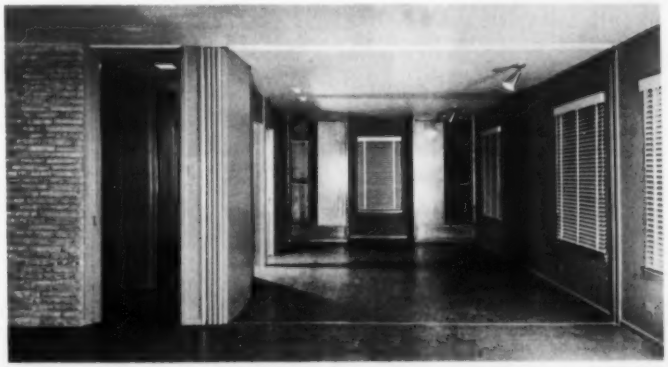
## BY A SYSTEM OF PARTITION PANELS AND MOVABLE STORAGE UNITS, AT LEAST 72 FLOOR PLANS ARE POSSIBLE




Experimentation in some forty homes built since the war contributed to the final system of the *Flexabilt* house. First try was with fixed walls and movable closets; then movable cabinets and folding walls were used. Most feasible system proved to be one which incorporated partition panels and mobile storage units. Two sets of four ceiling-height, 3′-wide panels come with each home. Floor and ceiling tracks span the width of the 12′ x 60′ living space in six locations. When not in use, panels are stored unobtrusively flat against walls, four to a set. As they are needed, they can be unstacked and pivoted in the tracks. Each panel has a tongue and groove which locks it with adjoining panels, a strip molding pulls out of the ceiling to hold them in place. Since panels are sound-insulated, they form a substantial room partition. Six 4′-wide and 2′-deep storage compartments are also part of the house package. On casters concealed within the base of each unit, they can be rolled easily to any desired location and set up without any experience in carpentry. Storage units come in a variety of woods and wood finishes, including knotty pine, or they can be painted to blend with the decoration of the room. Homes offer interior variety in other ways: illumination is by bullet lights or sealed beam lights in the ceiling; floors can be terrazzo, hardwood, asphalt tile, or carpeting over the concrete slab; there is a choice of original kitchen equipment, some variety in placement. Heating system is designed for conversion to year-round air-conditioning.



**STANDARD EQUIPMENT** of each house includes six mobile units which act as storage partitions, bookcases, or shelves. A homeowner can roll them into place on casters concealed behind the setback base frame (drawing at left). A removable top frame closes gap between unit and ceiling. There are four built-in screw jacks (inside corner, at left) which can be hand-operated to lower the base, taking the weight off casters so that it rests firmly on the floor. Slip moldings bolted to outside edges of front and back close gaps between units, create a tight storage wall on both sides. Wardrobes include adjustable shelves and a drawer at bottom, have either sliding or swinging doors



**WITHOUT PARTITIONS INSTALLED**, home represents a long, open area (12′ x 60′), responsive to the individual space needs of almost any family. The two storage units which happen to be at either side of rear window can be positioned anywhere. Left foreground is one set of partition panels stacked flat near floor and ceiling tracks, into which they fit. Opening at left is to entry; masonry forms one wall of dining area. House was designed so that rooms can have a window or windows, a heating grille near the doorway

INTERIOR WALLS can be set up at desired locations in short order. Partition panels (above, extreme left) are hollow core, made of wood; tongued and grooved, they can be unstacked and assembled into a wall by sliding in floor and ceiling tracks. Other walls can be formed with storage units, three of the 4'-wide units making a complete wall (above, extreme right). When units show backs to view, they present a neat, finished appearance (above, next to right)

## PLAN PERMITS WIDE VARIETY IN CHOICE OF MATERIALS AND EQUIPMENT

WINDOWS OF DIFFERENT TYPES were included in the group of houses as part of a preference survey conducted by builder. Above are aluminum and wood awning-types. Double-hung wood and steel casement windows are in other houses

THE FIVE FIXED KITCHENS show variety in appliances and in their arrangement. Above are metal and enameled wood cabinets (left and right). Storage chest in foreground is a *Flexabilt* unit, designed to fit into kitchen, dressing room, or bedroom

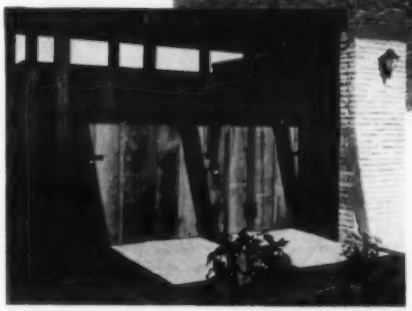
VIEW FROM bedroom to adjacent dressing room is in a house where partitioning has formed two bedrooms in one wing

DRESSING ROOM has space for wardrobe and dressing table-chest. With other equipment it can serve as a kitchen

WHEN LARGE (12' x 17') bedroom is desired, there will be twin openings to dressing room. Post between receives partition wall when it is added

THE BATH is one of the few fixed rooms in the *Flexabilt* home. There are two, one for use at each end. The dressing rooms adjoin

WATER HEATERS are located in outside storage lockers. There is a furnace room inside, next to kitchen



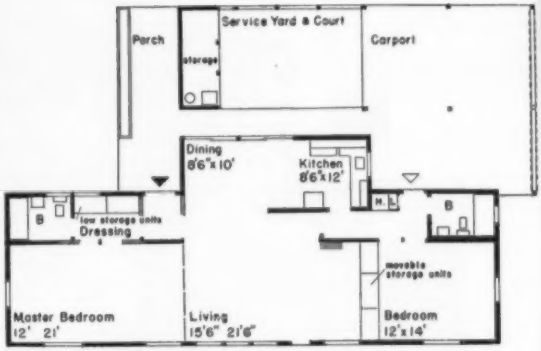
ROUGH-SAWN REDWOOD BOARD AND BATTEN forms the exterior of the first house. View above is from the street, the double doors in the center of the structure being the main entrance. To it there is covered passage from the carport (concealed behind slatted fence). Between carport and entry is outside storage locker, front view of which is shown at left. Roof pitch creates an interesting clerestory which lights and ventilates the living areas of the house

## EACH HOUSE HAS AN ARRANGEMENT OF FENCES AND COVERED AREAS FOR WELL-PROTECTED OUTDOOR LIVING

TERRACES AND GARDENS were planned for privacy from the street, also to provide weather protection both for the house and for outdoor living. Most of the carports are large enough for three cars, were also arranged to be used as sheltered terraces

MASONRY BLOCK forms dining wall on one side, entrance hall on the other. Extending as it does beyond the glass, it helps to give dining area an outdoor quality. View through the door shows how deep overhang protects the large expanse of glass from the weather

DOMINANT ROOF LINE sweeps across carport, indoor and outdoor living areas. Like roofs of other houses, it is built up with gravel surfacing. In this case the exterior building material is wood shingles, prestained a redwood color. Trim is olive-green




# ONE MODEL WAS SET UP AND FURNISHED AS A TWO-BEDROOM HOUSE

GEORGE SMALL

SCENIC WALLPAPER sets the colors for the dining room. Earth tones were picked up in the warm oak finish of the furniture group and in the delicately traced wheat design of the light glass curtains. Wall colors also took their cue from green tones of the rustic scene. Since the area was limited in size (8' x 10'), a dual-purpose card-dining table was chosen which could expand to seat six. View above is toward patio, protected by a high fence; shadow pattern is cast by trellis opening in roof

**HOUSE DECORATED BY HONIGBLUMS, SAN ANTONIO**

INTERIOR SPACE was arranged in this house to create a large living room (12′ x 21′). Conversation corner is formed by twin sectional pieces upholstered in a rust fabric, separated by a corner table of mahogany in a sable finish. Note how the unused partition panels stack unobtrusively (right)

- Dining group.....JAMESTOWN LOUNGE
- Mahogany tables.....BROWN-SALTMAN
- Tufted barrel chairs.....ERWIN-LAMBETH
- Carpeting throughout.....ALEXANDER SMITH

SECOND BEDROOM is 12′ x 17′, was decorated to be used either as a children's room or as guest quarters. Tailored bedspreads in a square basket-weave fabric of rust-brown blend with upholstered headboard storage units. The latter have tops which raise to form back-rests

ONE WHOLE WALL of storage is more than ample for this room, supplemented by commodes between beds. Carpet is the same beige as in rest of house; draperies are small patterned—red and green leaves on a beige background

BATHROOM, 8′ x 6′, is large enough to include a *Flexabilt* storage chest on wall opposite lavatory. Ceramic tile is yellow; painted surfaces are grayed pink, background color of shower curtain

SOFT GREEN TONE of walls forms an excellent background for the oak finish of the wood pieces in the master bedroom. Mobile storage units at one end allow sufficient space between for a sunny niche with dressing table-desk. Long storage headboard spans twin beds

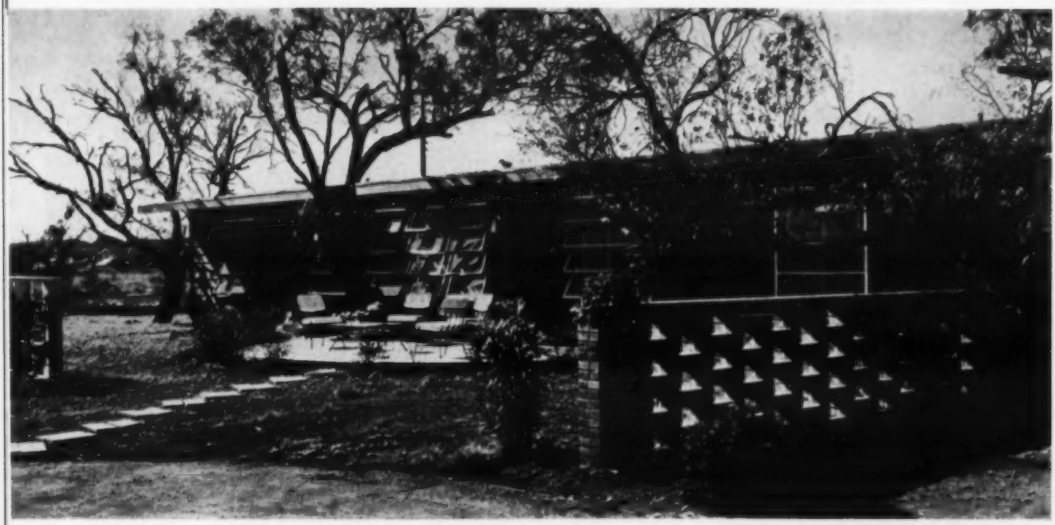
FLEXIBLE SYSTEM of interior arrangement affords extraordinary proportions for this bedroom, 12′ x 22′. A cozy sitting area fits tidily into one corner. Glimpse through double doorway reveals dressing room. Far wall shows neat appearance which partition panels create

PATIO IS SO SHELTERED that the grass underfoot is almost a surprise. Fence, stained to blend with home's wood shingles, was made by nailing boards to alternate sides of a frame of 2″ x 4″s. It allows air circulation, gives privacy, too. At rear are doors of storage locker. Trellis and opening above fence give adequate light. Outdoor furniture in all houses by Pacific Iron Products

KITCHEN WAS DECORATED in a monochromatic scheme, in tones from warm brown to beige. Wood cabinets are enameled brown; splash panel is brown ceramic tile; counters are beige tile; floor is beige linoleum. Into the 12′ x 8′ space, a 40-inch electric range and 7.4 cubic-foot refrigerator (both Westinghouse) have been arranged in a step-saving triangle with the double compartment sink

# THE SETTING DICTATES LOW LINES

**LOW-PITCHED SHED ROOF** and horizontal redwood siding are most arresting features of the third house, set carefully among a group of gnarled pepper trees. This end view shows access to a back driveway convenient to carport and service center. House has more space partially sheltered than fully covered



**HALF-MOON TERRACE** is an outdoor living room adjacent to its indoor complement; door joins them directly. Black iron and glass table and iron chairs with white duck pads create a striking pattern against the squares of concrete outlined with brick. Adding to the scene is the open brickwork fence whose low length carries out the lines of roof and the banks of awning windows which, together, give the house its definitely horizontal emphasis

# FENCE LINE GIVES PRIVACY TO TERRACES

OF ALL HOUSES, this one is the most traditional in feeling. It has a gabled roof, painted clapboard siding, and double-hung, mullioned windows. Porches, formed by a continuation of the roof supported by posts, can easily be enclosed in the future

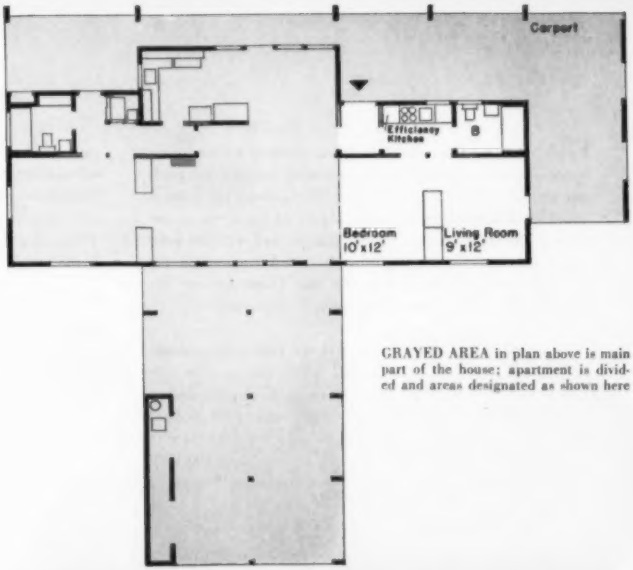
GRILLE PARTITION made of 2" x 6"s forms an interesting open pattern between entrance and patio, complementing the design of the fence. Same design continues into the structure of the house proper, the openings filled with translucent glass. At right angles to grille, wall of solid glass gives view from dining room to terrace

# EFFICIENCY APARTMENT IS A SEPARATE UNIT

ARRANGED FOR TWO FAMILIES, this house neatly separates indoor and outdoor areas for both. Porch at left serves apartment, can be converted into a carport or enclosed as another room, since foundation and ceiling are same construction as house proper. Double doors provide common entry to both units or could be used as main entrance to either. Each has private entry from porch

DECORATION FOLLOWED TWO PREMISES: that owners lived in apartment and rented the major part of the house or vice versa. Dining-sitting room, 12′ x 11′, was arranged in a casual style which comfortably includes both modern and traditionally inspired pieces. Salt and pepper terrazzo floor is a flattering background for old-fashioned braided rug; the love seat's familiar lines look equally at home with contemporary coffee table and bench-chest of birch

EFFICIENCY KITCHEN is accommodated in space allotted to a dressing room in the other *Flexabilt* houses. Dining table and chairs are grouped conveniently near-by. Door at far left connects apartment with the rest of the house




GRAYED AREA in plan above is main part of the house; apartment is divided and areas designated as shown here

APPLIANCES are compactly housed in one unit which includes range, refrigerator, and sink. It is a simple matter to disconnect unit and revert to a dressing room. Remaining space houses two cabinets and a storage closet

APARTMENT BEDROOM is separated from sitting room by two mobile storage closets (at left, unseen). To create as much living space as possible, it has been decorated as a study, using a corner grouping of two mattresses and box springs as sofa-beds, long bolsters upholstered in the same attractive fabric. Units can be changed for sleep with speedy addition of sheets and blankets

DOOR LEADS to sheltered terrace which can be easily converted to carport. Outdoor living areas for main part of the house are far removed. This adds to the feeling of privacy which has been so carefully maintained

See *Your Guide to This Issue* for further information

# Polio: facts versus f

Every summer brings with it countless pleasures for the young family—fun out of doors, picnics, swimming, and the rest. Summer brings also the specter of polio. For reasons yet undetermined the advent of warm months always augurs a rise in the national incidence of the crippling disease, and with the summer months upon us it is important that every family know the true and latest facts about polio. On that knowledge may depend the health and future of your child, or of yourself.

*New discoveries:* With the memory of the 1952 polio epidemic still etched in our minds—it was the worst year in polio history—it will be comforting for parents to know that science has produced two great hopes in the battle against the disease. The most exciting of all came in an announcement a few months ago that new vaccines have been developed which have already proved completely effective in immunizing animals against polio. It is too early yet to say whether these vaccines can be used just as safely and effectively on humans. Only further research can determine this. In the meantime, however, another product of research—gamma globulin—has already proven its value in fighting polio. Gamma globulin is a blood fraction containing polio antibodies which, when injected into a person's body, will tend to give effective though temporary immunity against polio. We say "tend" because the effect of gamma globulin varies for different individuals. In some cases polio can be contracted, especially during the first or after the sixth week following inoculation with gamma globulin, but even in these cases it would appear that the seriousness of the attack is considerably lessened. Gamma globulin, in 1952, was found by field trials in epidemic areas to be an effective preventive of paralytic polio. But it is relatively scarce. To assure effective use of the limited supply of gamma globulin in the polio fight, a national pool has been set up by the Office of Defense Mobilization which will allocate and distribute supplies of gamma globulin made available by the Red Cross through its blood donor program, and by the National Foundation for Infantile Paralysis by its eleven-million-dollar purchase of all gamma globulin produced commercially.

Aside from awareness of these encouraging developments from the research laboratories, there is a great deal more the young family should know about polio. Until such time as vaccine is proven both safe and effective for humans, and is in sufficient quantity, only a regard for certain already proven practices and a proper knowledge of polio itself will help safeguard the young family and alleviate the almost inevitable anxiety should an epidemic erupt.

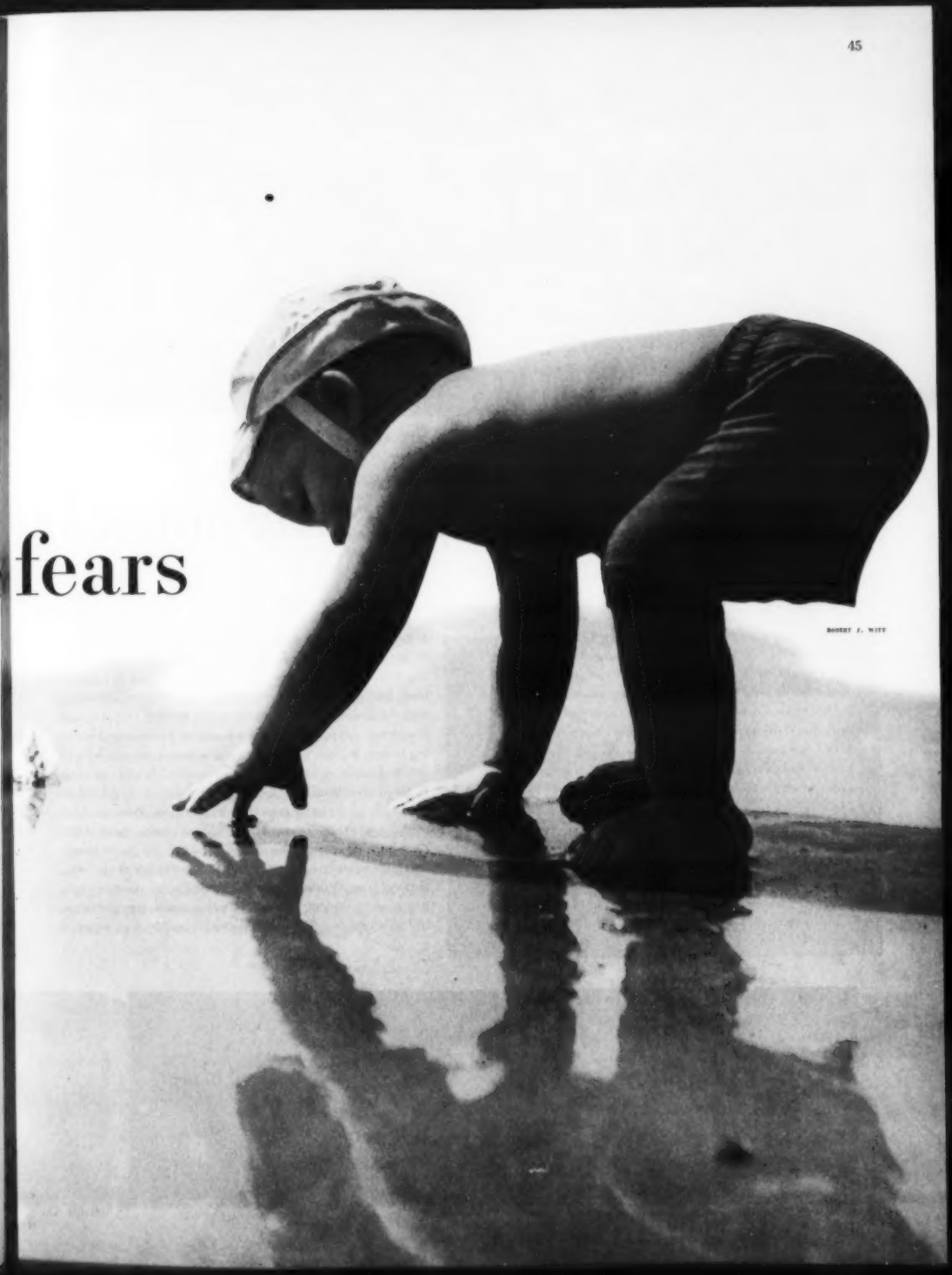
*Just what is polio?* Polio, short for poliomyelitis, is a disease that attacks the central nervous system with results ranging from no visible effect to muscular disability, paralysis of limbs or respiratory muscles, or in about 6 per cent of cases, death. Because children are most susceptible to the disease, polio is often called infantile paralysis, though it should be emphasized that children are not its only victims. Adults, particularly those who lead active lives with opportunities for becoming overexhausted, women in pregnancy, anyone with low resistance or in poor health may become a victim.

It is not known precisely how the disease is transmitted, though it is believed that the virus enters through the mouth or nose. During the last few years it has been discovered that there are three different viruses that can cause polio, and theoretically at least, a person can contract the disease three times! One fact that is not commonly known is that *most adults have had polio though they may never have known it.* This is because the effect of polio is often so slight that it is not recognized as the disease—or it may have been passed off simply as a cold or a sore throat. Once a person has contracted polio he is immune to an attack by the particular virus that caused it. The reason for this is that substances called antibodies are formed in the blood stream to counteract the invasion of the polio virus. These antibodies remain permanently in the person's system acting as a constant defense against the disease. This fact has had an important bearing on research.

While polio cases are reported every month of the year, there is a sharp rise in the incidence starting in May or June, rising to a peak in the later summer months of August or September. It is not understood why this is so; factors of heat or moisture are not alone responsible because polio can be just as virulent in the arctic as in the tropics. It is only in such areas as the United States where there are marked changes of season that the higher incidence occurs during the warmer months.

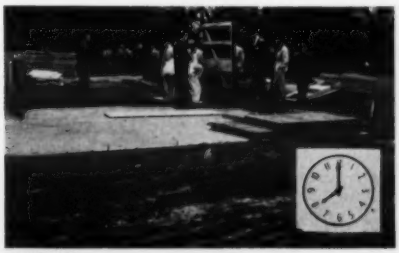
*How great are one's chances of contracting polio?* Taking a few years at random, there were roughly 33,000 cases in 1950, 29,000 cases in 1951, and 55,000 cases in 1952. In this last year the incidence rose after nine and a half months to 32 cases per 100,000 population—not cause for panic, but unquestionably of serious proportions. Every state in the union reported cases; no region was immune. Because one or two areas in a particular year have epidemics that are widely reported in newspapers and magazines, it is sometimes erroneously believed that only certain locales are conducive to the spread of the disease. The odds are definitely on your side for *not* contracting polio at all. If you or your children should become a victim to polio, there is a 50-50 chance of recovering completely, a 30 per cent chance of recovering [Continued on page 94]

usfears



# Planned to give the most for

Many families who could easily afford a $7,500 home never consider one because so much of what they have seen in this price range has been depressingly unsatisfactory. This needn't be the case if intelligent planning goes into the design and construction, as Cliff May and Chris Choate, of Los Angeles, have proved. Well known for their fabulous ranch houses on the West Coast, these designers decided a few years ago to try their hands at a small house which would compare with the big ones in comfort and beauty, yet be within reach of young family budgets. In their experimentation, May and Choate took a positive approach: they worked to include as much as possible at a low price, rather than the more common method of taking out features until the low cost was reached. They took a fresh look at every detail and designed it to be executed economically. The result is an essentially conventional wood-frame construction with, however, most of the parts precut and preassembled in a factory. The factory makes wall and roof panels which have only to be bolted and nailed in place at the site; all the doors, windows, and cabinets are factory-fabricated. Parts are sold to local builders in a package which also includes insulating material, hardware, light fixtures, and a furnace. Only the slab foundation, plumbing, wiring, and interior finishing and painting have to be done locally. This system passes on economies of standardization and mass buying to builders. It also cuts cost in speed of construction: the basic structure can be put up in a day; the whole house completed in thirty, less than one-third of the time usually required. However, the house was not designed for economy alone. It was planned for good family living. Necessarily small, it stands as a testament to the relativity of space. Visitors to the pilot model were asked to guess its size and invariably guessed 100 to 300 square feet more than its 836 square feet. The house has an expansible plan: an extra



8:00 AM

8:15 AM

10:00 AM

MAYNARD PA

# for the money

AN APPEARANCE far beyond what this home's actual price might suggest is created by a system of attractively designed fences, pergolas, and carport which appear to extend the scale of the main structure. High board-and-batten fence leading to the double-door entry (right) harmonizes with the exterior of the house itself. Fences not only make the house look bigger, but enclose highly usable additional outdoor living space. At bottom, sequence of steps illustrates the speed of construction

bedroom and bath can be added for $1,500; two bedrooms and bath would cost $2,500 more. The designers by no means concentrated on the structure alone. This is a house developed with surroundings in mind. In planning openly, they also planned for privacy. A carefully devised arrangement of fences and outdoor areas gives full enjoyment and full protection, too. The arrangement is adaptable to whatever size plot a family can afford. By interrelating structure with grounds, a house has been created which is suitable for living in any part of the country. Of course, in other areas it would need more heating, more insulation, double glazing, deeper foundations. Designers May and Choate estimate that cold weather construction would run about $1,000 more. They have applied for a patent on their system of construction and are offering the house to builders in many sections. For names and addresses of builders already licensed in the California area, see page 91.

[Continued on the next page]

:00 AM

1:00 PM

2:00 PM

**FACTORY-MADE PARTS** arrive at the site. Preassembled panels are for walls and roof; the rolls are roof insulation material

**PANELS AND FRAMING**, both precut, are simply nailed together. The only tools used on the job are a hammer and drill

**BEAMS ARE NAILED** into place with large spikes. For a demountable house, framing members can as easily be bolted together

**SOME BEAMS** are notched at the factory to fit over crossbeams. A careful framing plan makes time- and money-saving possible

## BUILDING DATA

DESIGNED BY CLIFF MAY AND CHRIS CHOATE

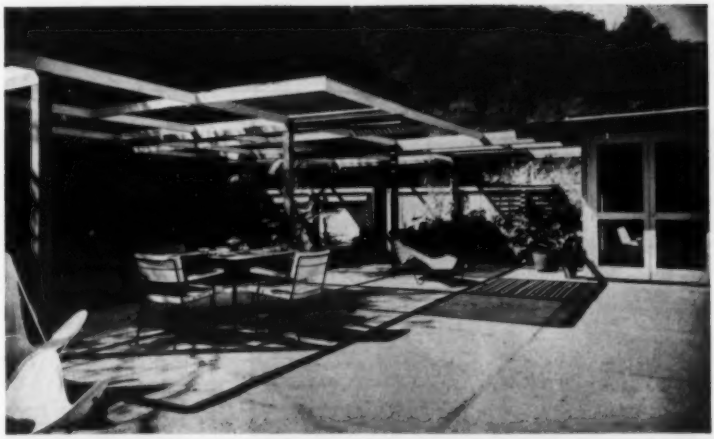
| | | |
|---|---|---|
| **Precut & prefabricated parts** | precut framing members, prefabricated wall, ceiling and partition panels. Cabinets, sash and doors. (Also included in the package are insulation, heating system and parts, hardware, and lighting fixtures) | Ranch House Supply |
| **Foundation** | concrete slab on grade | |
| **Floor surfacing** | *Matico* asphalt tile | Mastic Tile |
| **Roof surfacing** | 3 ply built-up | |
| **Wall surfacing** | | |
| exterior | redwood board and batten | |
| interior | *Sheetrock* gypsum wallboard | U. S. Gypsum |
| **Insulation** | medium-thick reflective *Kimsul* in ceiling only | Kimberly-Clark |
| **Paints** | oil base, interior and exterior | Dunn-Edwards |
| **Hardware** | residential lock sets | Schlage Lock |
| **Glass** | interior panels of *Factrolite* pattern glass | Mississippi Glass |
| | other | Libbey-Owens-Ford |
| **Heating** | gas fired, forced warm air furnace | Sequoia |
| **Electrical** | | |
| lighting fixtures | | Litecraft Mfg. |
| **Plumbing** | | |
| bathroom fixtures | tub & shower<br>water closet & lavatories | American-Standard<br>Universal-Rundle |
| kitchen | *Bendix* washer | Bendix Home Appliances |
| **Kitchen equipment** | *Westinghouse* refrigerator | Westinghouse Electric |

When you buy, build or remodel a house, be sure you know the brands of material used. They are the best protection for your total investment.

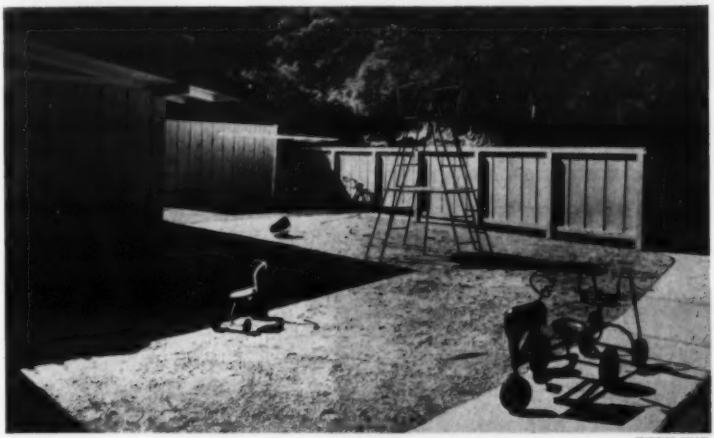
**PANELIZED ROOF** runs over rafters at right angles to ceiling. Insulation will be laid between the ceiling and roof panels

**CENTER RIDGE POLE** which will support double-pitch roof is hoisted into place. Like all other members, it was factory-cut

**CEILING PANELS**, also factory-made, fit snugly between roof rafters and are nailed into place. Underside forms exposed ceiling



TERRACE is paved with concrete which, for pattern, was poured between redwood strips. Texture was introduced by pressing pebbles in concrete before it set. Outdoor living area is furnished to implement house comfortably and conveniently



MAYNARD PARKER

PLAY YARD for the children is fenced and secluded from the garden terrace. Service yard for drying clothes is near-by. When it rains, the children can move under shelter of the carport. All three areas are surfaced

INTERIOR PANELS are framing sections. Mechanical trades rough in without disturbing finished walls

COVERED ARCADE leads from the carport to the service porch of kitchen. There is sufficient space in this passageway for sheltering the children's bikes and toys. Carport storage room, just beyond car, is included in price of house

[Continued on the next page]

SKILLFUL HANDLING of partitions allows a pleasant and useful interrelation of living, dining, and working areas. Center partition is a bearing wall flush with ridge beam; its end painted to blend with beam adds patterned interest. Full-height partition at right angles to ridge also shields the kitchen. Lower baffle of painted boards divides service corridor (next to kitchen) and study area of living room

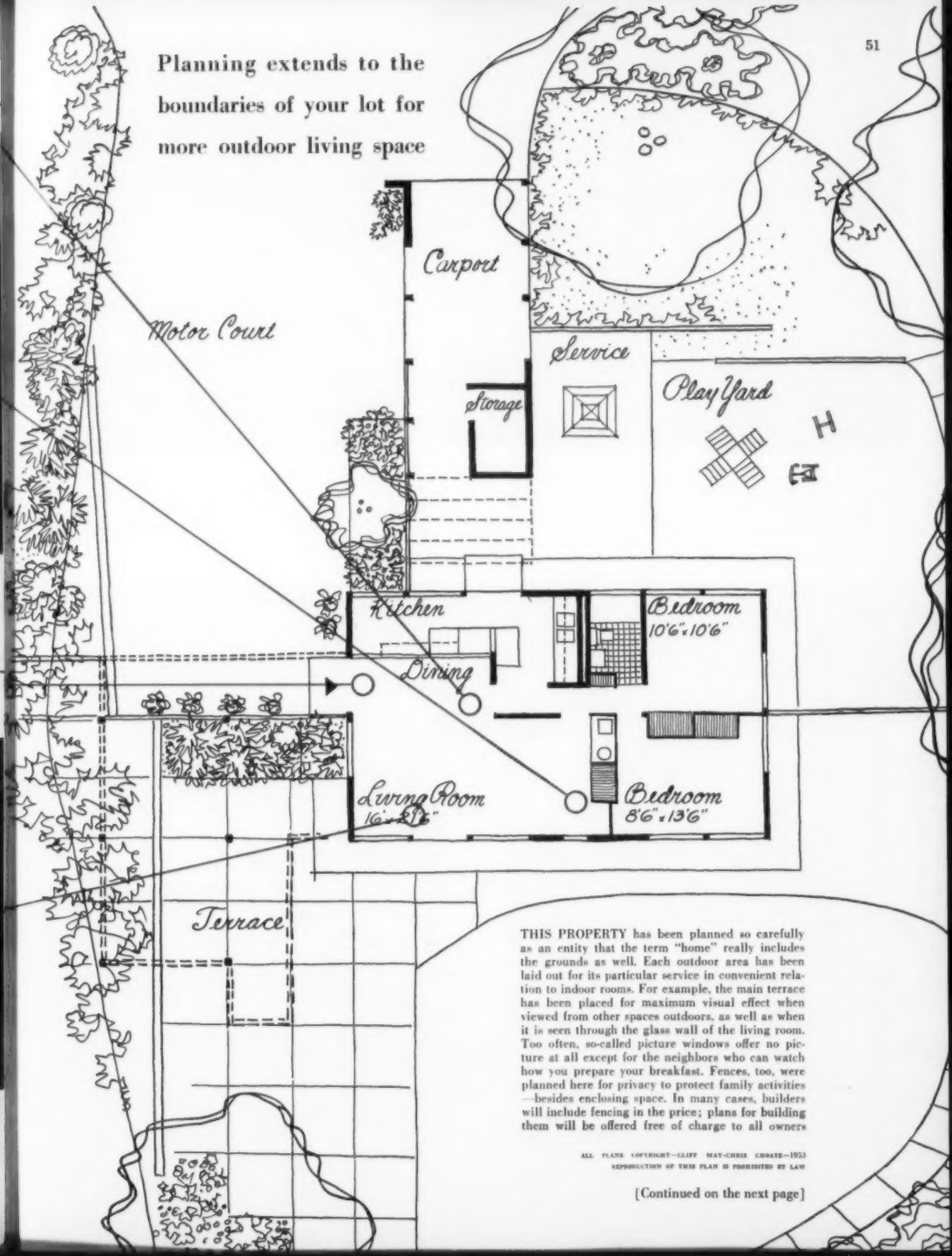
DINING SECTION, like the rest of the house, has been furnished with light, low-scale pieces, suited to the size of rooms. Dining table, for example, is only 26½" high. Behind the grouping is a sliding door to a china and linen closet; at right is a sheet of translucent glass which provides light from the bedroom beyond and also creates a dramatic niche for a plant

GENEROUS DOUBLE DOORS form an inviting front entrance, opening directly into the living room. However, privacy is afforded by the use of obscure glass. Interesting ceiling pattern is created by the painted undersides of wood panels which were attached to roof rafters. Floors are black and white marbelized asphalt tile throughout

MAYNARD PARKER

THIS CORNER OF THE LIVING-DINING ROOM shows clearly the relation of outdoor areas to interior space. Note economical construction detail of fixed and ventilating sash between exposed posts and beams. Height of the window wall is only 7 feet; a sense of much greater size and airiness has been created by opening the ceiling to full height. Living room is 16′ x 22′

# Planning extends to the boundaries of your lot for more outdoor living space




THIS PROPERTY has been planned so carefully as an entity that the term "home" really includes the grounds as well. Each outdoor area has been laid out for its particular service in convenient relation to indoor rooms. For example, the main terrace has been placed for maximum visual effect when viewed from other spaces outdoors, as well as when it is seen through the glass wall of the living room. Too often, so-called picture windows offer no picture at all except for the neighbors who can watch how you prepare your breakfast. Fences, too, were planned here for privacy to protect family activities —besides enclosing space. In many cases, builders will include fencing in the price; plans for building them will be offered free of charge to all owners

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[Continued on the next page]

HIGH BANK OF WINDOWS runs along one wall of the master bedroom: floor-to-ceiling glass is used on another. Windows were planned in every room to allow flexibility in furniture arrangement. Here chests and bed headboard are placed to look like one long unit across the room. Storage wall with sliding doors is opposite

PLANNED TO GIVE THE MOST

FOR THE MONEY *continued*

CHILDREN'S ROOM illustrates the three different kinds of panels used in the house—all in a modular system in width and height. At right is a full-height glass panel, roughly 5' x 7', adjacent, a full-height solid one; two of the high windows fit above a partial height solid panel

**LONG WINDOW WALL** makes this kitchen and service corridor an agreeable place to work. Double doors for rear entrance are additional proof of the designers' preoccupation with good ventilation and convenient access to all areas of house and grounds. Play yard and utility area, just beyond, are brought within easy reach

**BREAKFAST SPACE**, unconfined and convenient, appears at other end of service corridor. There is room here for the neat progression of washer, dryer and ironer, as well as for the refrigerator. Cookbooks and laundry supplies are stowed on shelves above washer. Bamboo shades can be lowered to protect against sun

MAYNARD PARKER

*opposite and right*

**HERE IS AN EXAMPLE** of how a glass wall can be used to extend a room by relating it to adjacent outdoor space. High clerestory windows take advantage of space between roof line and top of wall panels at both gable ends. Through them are seen the deep overhangs which make rooms seem larger by carrying the eye beyond the glass. Another device for taking full advantage of interior space is the low wall behind desk which borrows from the area beyond. Kitchen (right) shows a variety of materials: base cabinets are redwood; counter top and splash-back are wood-grain plastic; sliding doors of wall cabinets are hardboard

Interior decoration of the house carries out the "most-for-the-money" theme of its plan. A package which includes basic furniture, draperies, bed spreads, and lamps has been made available for $1,500. Contemporary groupings may be selected in a choice of color schemes, depending on the color of the chosen house

**All furnishings at Jacksons, Oakland**
**Interior decoration by Peggy Galloway**

**CHRISTOPHER, in Indian garb,** and Danny, spot the little stray, are canny enough to approach slowly

**THEY EXAMINE** the "poor little thing" and stroke him until he becomes friendly

INEVITABLY, they decide to take the puppy home. Danny gets first turn at carrying their find

MOTHER SIZES UP the situation as soon as she opens the door, prepares to be firm with entreaties

CLOSE INSPECTION of the quivering bundle melts mother's determination, but she decides puppy will have to be bathed

BATH UNDERWAY, bewildered and unhappy pup wishes he were back on the open road

# CHRISTOPHER FINDS A PUPPY

## One bright morning he brings the first of a procession of stray dogs home to mother

This is not an unusual story. It happens to almost every child, and it happens with a much greater frequency than most mothers consider ideal. Some morning, or noon, or evening, while he is taking inventory of the neighborhood, the child comes across a "poor little lost puppy." On closer inspection, this animal may turn out to be an abandoned mongrel or a runaway descendant of *My Own Brucie*. It may also be a husky, full-grown dog several inches higher than the finder himself. Whatever the case, the young protector thinks of it as a pathetic creature and takes it home—convinced that he has found a perfect addition to the family circle and well prepared to bring reluctant parents around to his own way of thinking. Here is how the familiar story went for Christopher, his carrot-topped playmate Danny, and one young creature named Popo.

JOSEPH CROSTS

BOYS TAKE OVER bathing operation and, as they lather enthusiastically, decide to name newcomer Popo, after famous puppet

TOWEL IS APPLIED industriously during first of many heart-to-heart talks. Popo tries to forget experience with soap and water

JOYOUS Christopher tells his newfound little pet that he will be sure of a good home and food from now on

POPO, in spite of recent discomforts, enjoys his first square meal almost as much as the boys enjoy watching him

[Continued on the next page]

**BEDTIME CAPERS** begin as soon as Christopher gets into pajamas

**MOCK BATTLE** is waged to the accompaniment of savage growls, piercing shrieks

**WRESTLING** continues with neither side showing any sign of exhaustion

JOHN GROTH

**FASTER THAN** his adversary, Popo makes attack from rear but Christopher throws him over his head

**PEACE DESCENDS** when Popo pretends he is defeated. Contestants are becoming a little sleepy anyway, will resume play tomorrow

NEXT TO LAST STEP in going to bed is a drowsy bear hug, accompanied by a whispered account of Christopher's elaborate plans for himself and Popo tomorrow

CHRISTOPHER finally drops off to sleep, happy in the newly-acquired status of the boy with "his own dog," the strongest, smartest, and bravest in the neighborhood

# Two-level plan stretches th

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PLANNED FOR FAMILIES of twelve lay faculty members of Saint Joseph's College, this house would meet the needs of many other young families. For their rolling site, our architect designed what is essentially a one-story house with a basement finished as living quarters. However, it can be used on a flat plot by grading up around foundation walls. Structural economies follow the design, and the two-floor plan cuts costs by providing maximum use of a small amount of land. The house is post-and-beam construction, with concrete block foundation walls and chimney block. It has a terne-metal roof with standing seams and either redwood or cypress vertical siding. Large expanses of insulating glass light the living-dining room and kitchen on the first floor, and master bedroom below. Sketch below shows the variety which the design permits in a group of houses. Each unit can be given its own color scheme with painted roof, trim

Last fall when Saint Joseph's College wrote to us for advice about a housing project for its lay faculty, we immediately made an exploratory trip to Rensselaer, Indiana, to study the situation at firsthand. For some years the college had been worried about a lack of suitable homes for its faculty families. Now, at last, it was able to offer each professor an opportunity to have a home on college property and to provide the collateral for him to borrow the necessary funds. Discussions with faculty families showed that these homemakers had the same general requirements as our other readers. The majority had young children and needed a house with three bedrooms, a bath and a half, and a sizable living room. Most of the families had been thinking in terms of a one-level house until an analysis by our architect convinced them that it was impossible for such a plan to include the number and size of rooms they wanted at the amount set aside by the college for the building project. Since a two-level house offers the possibility of more space for the money, he suggested a plan which included a basement finished as sleeping quarters. The house he had in mind offered 705 square feet of living space on each floor, and the design was especially suitable to their rolling terrain. The house outlined also permitted great individuality in exterior color and interior decoration, even though the style was the same. Faculty members are enthusiastic about the idea and the college expects to build the house at a cost in the neighborhood of $12,000, without the appliances. The latter, as shown, would cost an additional $1,350. This reasonable cost for the amount of square footage is possible in large part because of economies in roof and foundation. The ground floor, nestled into grade, utilizes what might otherwise be wasted space in the structural necessity of carrying footings below frost-line and to a solid bearing. A roof of 705 square feet covering 1,410 square feet of living space is an obvious economy.

# the building dollar

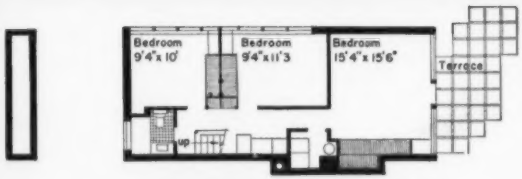
[Continued on the next page]

## BUILDING DATA

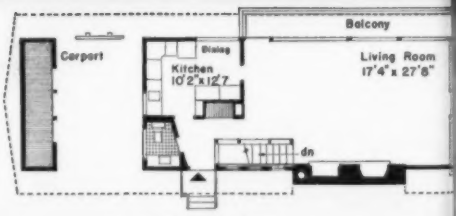
ARCHITECT: ALEXANDER KNOWLTON, A.I.A

| | | |
|---|---|---|
| **Masonry** | reinforcement at alternate horizontal joints: *Durowall* (or) *Blok-Mesh* | Cedar Rapids Block<br>Carter-Waters |
| **Dampproofing** | *Sisalkraft* paper under slab | Sisalkraft |
| **Insulation** | 2" *Fiberglas* batts around foundation, 2'-0" below grade | Owens-Corning Fiberglas |
| **Entry porch** | prefabricated metal porch and step unit | Sturdee Metal Porch |
| **Walls** | *Gold Bond* sheathing, wallboard, casing, rock wool blankets | National Gypsum |
| | *WedgeWood* paneling in living room, entry, kitchen | Georgia Pacific Plywood |
| **Plastic** | counter tops, *Vanitory* and *Strata-wood* thresholds | Formica |
| **Floors** | subflooring: ⅜" *PlyScord* (kitchen, powder room) | Douglas Fir Plywood |
| | ground floor surfacing: domestic type *Roc-Wood* | Roc-Wood Flooring |
| | living room and entry: *Bruce* prefinished strip oak | E. L. Bruce |
| **Tile** | floors: unglazed ceramic mosaic; wainscot, cove: glazed ceramic tile | American-Olean |
| application | mounted with *Miracle* adhesive | Miracle Adhesive |
| **Paints and stains** | interior: *Gold Bond Velvet* | National Gypsum |
| | wood stains, *Na-Hue* finishes, *Shelter-Tone*, metal primer, *Metal-Cote* and enamel | Martin-Senour |
| **Interior doors** | *Masonite Presdwood* faced core doors | Weisberg-Baer |
| | *Masonite Presdply* wardrobes | Masonite |
| | *Tempered Presdwood* cabinet doors | Masonite |
| **Vents** | prefabricated metal fixed louver | Airolite |
| **Screening** | *Lumite* screening between vents and panels | Chicopee Mfg. |
| **Hardware** | wrought steel butts and 1¼" continuous hinges | Stanley Works |
| | overhead concealed double-acting center pivot closer | Norton Lasier |
| | *MagnaTite* magnetic catches, *E-Z Glide* track | Engineered Products |
| | residential lock sets | Kwikset Locks |
| | sheaves for sliding doors | Standard-Keil |
| **Glass** | *Thermopane*; ¼" polished plate mirrors | Libbey-Owens-Ford |
| | double thickness *Corrulux* insulating light panels | Corrulux Div., L.O.F. |
| **Compounds** | *Pecora* caulking compound and glazing compound | Pecora Paint |
| **Weather stripping** | spring-type at openings, interlocking seal sills | Chamberlin |
| **Heating** | forced warm air, oil or gas fired, *Coleman Blend-Air* | The Coleman Co. |
| | *Donley* damper with poker control; cleanout door | Donley |
| | *Flexscreen* flexible metal fireplace screen | Bennett-Ireland |
| **Air-conditioning** | *Coleman Blend-Air* conditioning system (or) | The Coleman Co. |
| | *Frigidaire* room air-conditioners | Frigidaire Div., G.M.C. |
| **Kitchen equipment** | range, refrigerator, washer, dryer, ironer, water heater | Frigidaire Div., G.M.C. |
| | alternate water heater: *Petro* | Petroleum Heat & Power |
| | *Youngstown Kitchens* base and wall hung cabinets | Mullins Mfg. |
| **Plumbing** | *Briggs Beautyware* tub, shower, water closets, flat rim lavatories | Briggs Mfg. |
| | *Cascade* sliding plastic shower enclosure | Fiat Metal Mfg. |
| | *Bridgman* towel bars | General Chrome |
| **Electrical** | nonmetallic sheathed cable | General Cable |
| | *Stab-lok* circuit breaker | Federal Electric Products |
| | wiring devices | Arrow-Hart & Hegeman |
| | all lighting fixtures | Litecraft Mfg. |
| | annunciator: *Push-lite* button, recessed door chime, transformer and ventilating fan | Nutone |

When you buy, build or remodel a house, be sure you know the brands of material used. They are the best protection for your total investment.



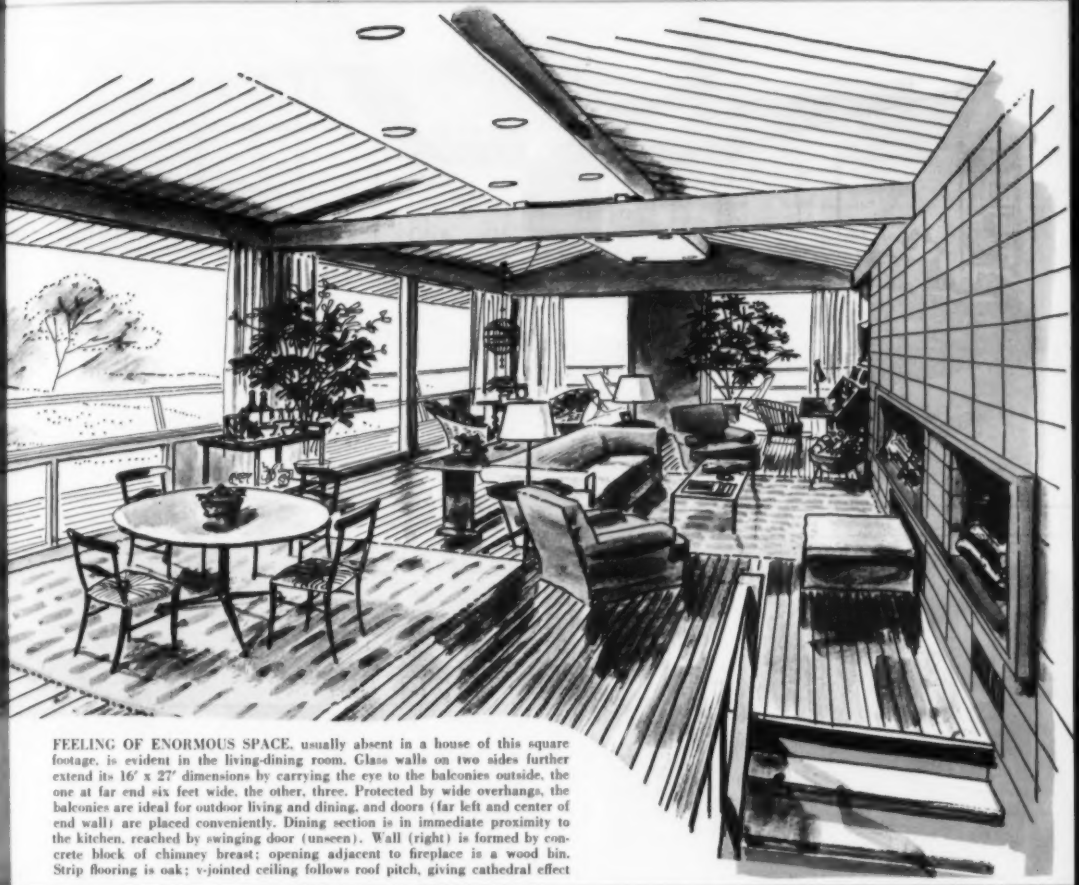

GROUND FLOOR PLAN




FIRST FLOOR PLAN

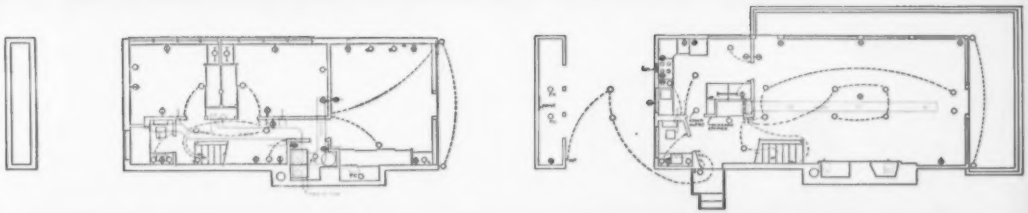
GROUND FLOOR shows that a two-level plan can provide the bedroom area of a much larger house. It was arranged to give a full floor of usable space. Circulation center has double use: it provides access to bedrooms, bath, and a heater room, large enough for air-conditioning equipment, too. It also accommodates laundry in otherwise wasted space below stairs

MAIN ENTRANCE is on the first floor, and is reached by a prefabricated metal porch. Opening off entry hall are a guest closet, a powder room, kitchen, and mammoth living-dining room. Stairway to ground floor opens from living room; stair well is lighted by a translucent panel of *Corrulux*. Major plumbing was centralized on both floors to use same stack



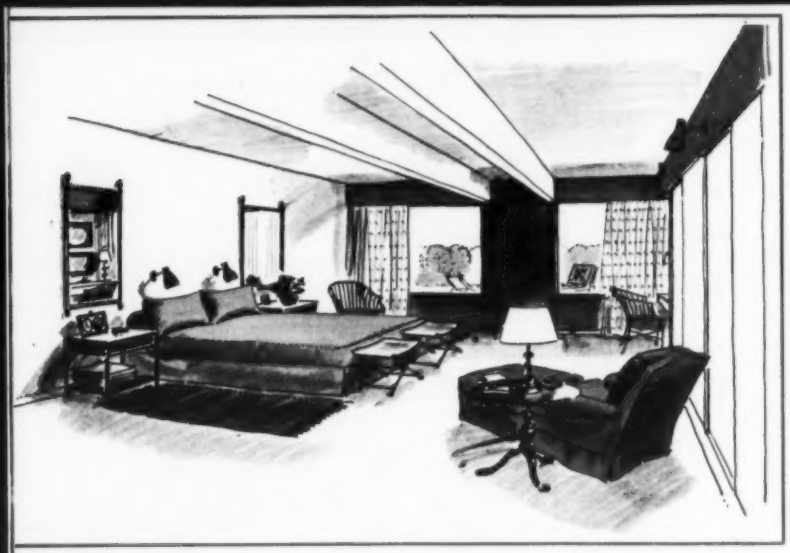
**FEELING OF ENORMOUS SPACE**, usually absent in a house of this square footage, is evident in the living-dining room. Glass walls on two sides further extend its 16′ x 27′ dimensions by carrying the eye to the balconies outside, the one at far end six feet wide, the other, three. Protected by wide overhangs, the balconies are ideal for outdoor living and dining, and doors (far left and center of end wall) are placed conveniently. Dining section is in immediate proximity to the kitchen, reached by swinging door (unseen). Wall (right) is formed by concrete block of chimney breast; opening adjacent to fireplace is a wood bin. Strip flooring is oak; v-jointed ceiling follows roof pitch, giving cathedral effect

JOHN M. REINHARD

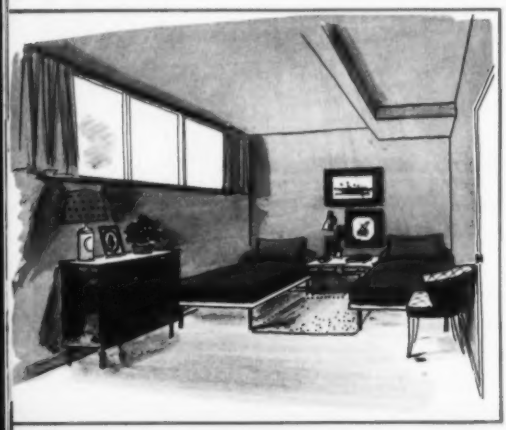


**ELECTRICAL AND HEATING** plans are here combined for each floor; heating system is represented by color. Combined ground floor plan is above. Electrical outlets were placed according to furniture arrangements shown; there are additional outlets for other arrangements. Heating ducts between furred space of corridor ceiling beams reach all areas unexposed

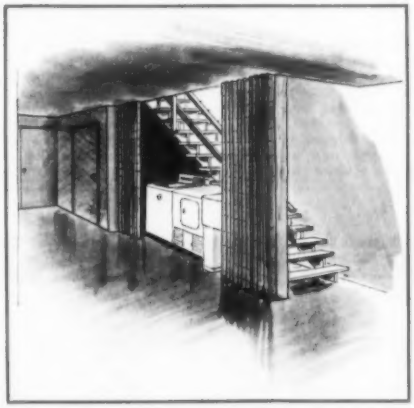
**ON FIRST FLOOR** a duct and light panel runs between two central beams in the living room ceiling, provides heating (and cooling) as well as general lighting. Lighting for specific purposes (lamps, appliances, etc.) is serviced by convenience outlets. Plan is to provide one house with complete air-conditioning; another will have individual air-conditioners where needed



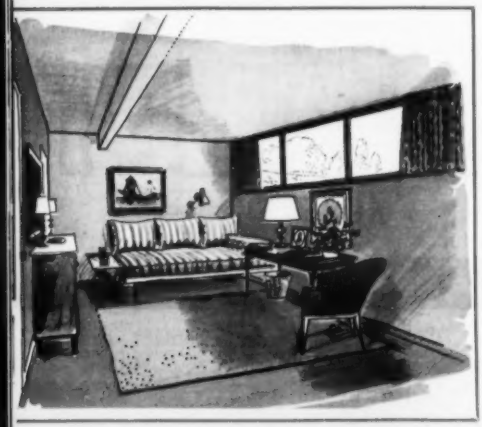
MASTER BEDROOM, 13′ x 13′, opens onto a small terrace through flush panel door at far end of the room (between insulating glass). Storage closets line one whole wall; behind is still another closet for off-season clothing, accommodated in the lower area of chimney block, otherwise wasted space. Floors on the ground level are surfaced with a hardwood-fiber-plastic compound troweled over the concrete slab for an easy-to-keep as well as an economical floor



BEDROOM WALLS are painted gypsum board, the exterior walls being furred out over concrete block, with blanket insulation between furring strips. Interior doors are effective: wood core faced with hardboard, they have magnetic catches and simple wood pulls. Doors are attached to jamb with piano hinge. High windows are fixed glass; ventilating unit is at left behind curtain

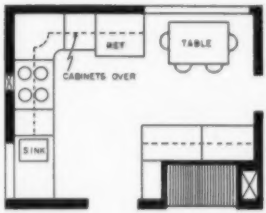


IN UTILIZATION OF SPACE no area is overlooked. Washer, dryer, and ironer are grouped under stairway to first floor. When appliances are in use, corridor becomes a utility room; at other times, flexible door affords tidy appearance



THIRD BEDROOM, roughly 10′ x 10′, is here decorated as a guest-room study. It is separated from second bedroom (above) by closets which are used as walls and act as sound barriers—another structural economy. Ceiling is tongue-and-groove mill floor which serves as base for living room floor upstairs. Supporting beam is exposed

# *Kitchen fits 3 distinct areas into small space*




**WORKING, DINING, and storage spaces are compactly combined in the L-shaped kitchen. Actual food preparation area is confined to a triangle, with distance between range and sink or range and refrigerator of only four feet. Base cabinet with maple cutting board is located between range and sink. The 8.6 cubic foot refrigerator is equipped with frozen food space. A right-hand door opening was chosen for most convenient stocking or unstocking from adjacent counter. Kitchen is well supplied with storage space: there are 17 lineal feet of wall cabinets and over 11 feet of base cabinets, excluding sink and range. While dining space is provided in the living area, the inviting arrangement here will undoubtedly see service at family meals and many informal suppers. Cabinets are well located**

TWO YEARS' RESEARCH went into builder Fritz Burns' first apartment building in Los Angeles. Stucco structure was planned for families of moderate income

# APARTMENT HORIZON WIDENS

## Builders are tackling apartment construction with a new approach to planning and design

The day when a *For Rent* sign on *anything* brought a stampede of tenants is fortunately over in most cities. However, for young families of moderate income, apartment hunting is still a discouraging chore which often ends in an unsatisfactory compromise. Fritz Burns, a Los Angeles builder, set out two years ago to do something about the situation. Together with his associate, J. Paul Campbell, and his staff architect, Henry Friel, he developed an apartment building which would provide individual units with the same kind of open planning that gives individuality and comfort to the best-planned new houses. Other specification was that building costs would have to be kept in line to make reasonable rents feasible. Two years of experimentation were spent testing materials and construction methods; two pilot models were built. Finally, a rambling two-story structure of 18 one- and two-bedroom apartments, to rent from $46.50 to $75 a month, was built. Fritz Burns didn't use miracle methods. He employed common-sense economies and conventional construction which can be duplicated by any builder anywhere in the country. In fact, he is making his plans available to other interested builders. Tenant response to his first apartments was so immediate and so favorable that he now has 188 additional units in the works.

YARD AREA behind two-bedroom apartments has been black-topped and fenced in to form a play yard for children and parking space for cars. Each apartment has a wall of floor-to-ceiling windows *(below)*; each has its own outside entrance, first floor units opening onto courtyard, second floor to balcony

**TWO-BEDROOM APARTMENT** boasts a 16′ x 13′ living-dining room, better than average size even for a small house. Livable space at modest rent was made possible by scaling apartments to a four-foot module to take advantage of standard-length lumber, and by use of structural materials as finished surfaces wherever possible: open-beamed ceilings are found throughout; natural redwood wall paneling *(below)* is reverse side of prefabricated bedroom closet unit. To prove that a young family could furnish a Burns' apartment within a budget, Leslie's, of Los Angeles, has decorated this two-bedroom unit for less than $1,500

[Continued on the next page]

APARTMENT HORIZON WIDENS *continued*

FURNITURE WAS CHOSEN with an eye to larger future quarters. Master bedroom includes a Gillcraft storage unit, correlated with drop-leaf table and chest in living room

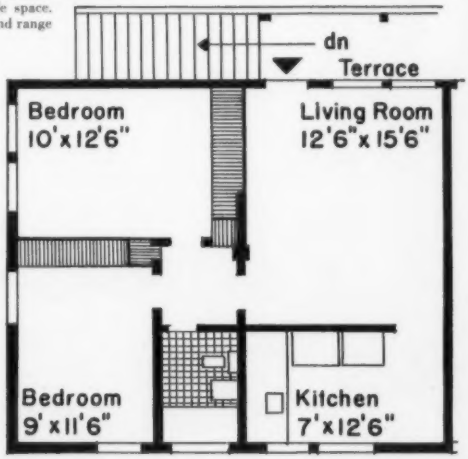
*right*

SECOND BEDROOM has been arranged as a sleeping-sitting room, measures about 10′ x 12′, only slightly smaller than master bedroom. Double storage closet acts as partition between two rooms, another cost-saving feature

SOME APARTMENTS are equipped with foam rubber-backed, wall-to-wall carpeting. Beamed ceilings follow roof line, a construction economy and a decorative feature

RICHARD FISH

**ABUNDANCE OF CABINETS** for an apartment kitchen was made possible without crowding by the use of a range and refrigerator scaled to available space. Cabinets are redwood; 40-gallon water heater is hidden under counter behind range




**PLANNING FOR ECONOMY** makes all enclosed space usable for living. Halls are eliminated; each unit opens directly to the outdoors

**BUILDER BURNS** made no economies on comfort and convenience. Every apartment has a *Waste King* garbage disposer. Laundry rooms, one to each floor, are equipped with washers and dryers, available free

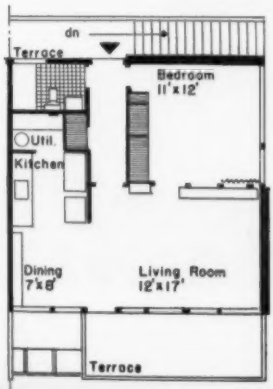
See *Your Guide to This Issue* for further information

APARTMENT HOUSE was built on a west-front lot in an aging residential street, centrally located in Dallas. It has a gently pitched roof of built-up tar and gravel; exterior is brick veneer and *Stonewall* siding. Cost, with lot: $30,000. Two upper units rent at $82; two lower ones for $78.50

# APARTMENT WITH AN OPEN PLAN

The best way for an architect to prove a point is to stop talking and start building. Herschel Fisher, of Dallas, has built an apartment house which is both a concrete talking point and a personal investment. The ideas on apartment planning which he has incorporated into his own structure can be successfully applied anywhere. Because of building costs, he feels the designer must use less living space, but give the illusion of more. To do this, outdoor areas, however small, must be planned to extend the spatial feeling; interiors must be arranged openly and with individuality; units must be related to prevailing breezes and oriented for sun control to give most comfort.

FOUR APARTMENTS have identical plans—600 square feet of space with living and sleeping area on one side, bath, kitchen, and dining corner on the other. Entire south side of each apartment is fixed glass with large ventilating panels beneath. Upper level is protected by wide roof overhang, lower by balcony which creates an outdoor living room for top apartments. Interior shown is a first-floor apartment, looking toward window wall. In view above, patio is obscured by slat blinds which have been lowered. Patios are quiet retreats, shielded from adjacent gardens by fences




[Continued on the next page]

**OPEN PLANNING** capitalizes on available space by creating an apartment which is essentially one large room. View above shows relationship of living and sleeping quarters with only token barrier of adjustable bookshelves between; at left, slat blind on bedroom side has been lowered. Looking diagonally opposite, dining corner seems almost outdoors next to window. Aisle kitchen, amply efficient for apartment living, is behind the baffle at right

**ARCHITECT FISHER** provided his apartments with versatile backgrounds suitable to the decoration tastes of any tenant. Wall surfaces are quarter-inch plywood panels; ceilings are *Celotex*, of a texture which blends harmoniously with wall material. Floors in kitchen, dining area, and bath are gray asphalt tile; in rest of apartment, hardwood strip. Bedrooms (right) have row of high windows which allow cross ventilation with full privacy. Only other window is in bath. There are three doors: to bath, patio, entry

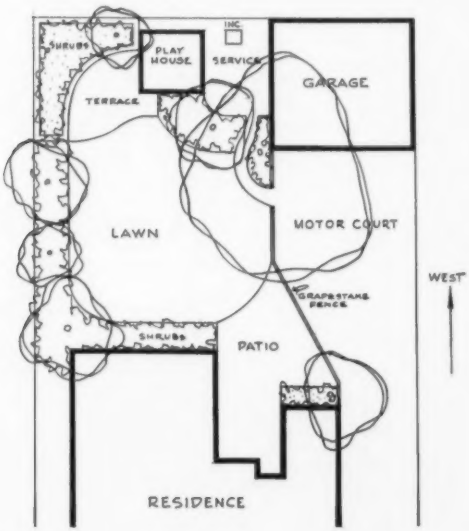
HENCE GRIFFITH

partment
of living
elves be-
ng diag-
w. Aisle
at right

# FIND YOUR PLACE IN THE SUN

**The size of your lot is unimportant. Make the most of whatever you have for the tonic that landscaping and outdoor living space can provide**

Time was when there was a discouraging ring to the word "landscaping." Too often it called up a manor house and generations of planting covering a vast acreage. The landscape architect was out of the question for an ordinary back yard. Fortunately, all that is a thing of the past: emphasis on smaller houses and the refreshing fashion of getting the most out of them has seen to it. That small lot can offer large-scale returns in enjoyment. Regardless of size, outdoor living can be so planned that the effect suggests estate management instead of week-end handiwork. Judicious planting can turn the trick of camouflage and dramatization, exactly as it has done in the garden we show here. Actually rather small (almost fifty feet square), it has been made to appear much larger. Neighbors, garage, and incinerator are screened from sight. Play area, lawn, and patio are all separate, but each is in pleasant harmony with the next. The over-all effect is one of serenity and seclusion. Planting is neither elaborate nor costly, but it does have purpose and it's easy to tend. The materials used are well within a budget's sight, too. The inexpensive fence can be easily installed by an amateur, terrace and patio are of the simplest construction. Open and shady areas are at hand for the taking—it's a garden-living area, so much a part of the house that it asks to be used, by children and adults, with equal pleasure for both.




TERRACE AND PATIO, latter attached to house, and the other at far end of the yard, are provided to take advantage of shifts in sun and wind. Broad expanse of grass bordered by screening planting brings perspective to the site, adds to its feeling of spaciousness. Even the neighboring building, at rear left, has been brought into the garden's plan by building a trellis which serves as background for that terrace section. Landscape plan (above) shows the simplicity and intelligence which has been used for adapting random planting to this average-sized city lot

[Continued on the next page]

RICHARD FISH

FIND YOUR PLACE

IN THE SUN *continued*

GRAPE-STAKE fence encloses most of garden, provides rustic backdrop for espaliered climbing roses. Name of fence comes from cheap, roughhewn lumber of which it is built, used for tying up vines. Stakes are nailed to a simple frame built of 4″ x 4″ posts and 2″ x 4″s

BRAZIER on whee
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terior walls. Vines
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which can be easily
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the plants. Brick
is laid in cement
flat basket-weave pa

SERVICE AREA for garden tools and incinerator is concealed in the corner of the garden behind this curved portion of the fence. Awkward, rectangular "back-yard" look of garden is broken by curved brick path which leads from the driveway (at right, beyond fence) around tree and into the service area

AT FAR END of ga
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with high board fen
protect it from ne
bors. Corner plan
massed on trellis.
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house. Brick terrac
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RUSSELL LUERSSEN, LANDSCAPE ARCHITECT

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**The Wheats tackled a big project in a sensible way; they have taken six years to turn a stable into a comfortable home**

**STABLE TO HOUSE** project has already gone through two stages. Three pictures above show the initial remodeling work which included boarding up hayloft door and breaking through the wall to add a chimney *(top)*. Lumber on the ground *(second picture)* was used to make forms into which concrete was poured for foundation of John's first studio which is now the garage. In south wall, the back of the house, a door was cut through for the kitchen. Third picture is of eastern end, showing partial construction of six-foot-square addition to bedroom. Results of second remodeling phase are seen in the two views on opposite page: Photo *(left)* of north side reveals part of master bedroom which connects main house with studio *(far left)*, two living-room windows and front door *(far right)*. Photo *(right)* of south side shows flagstone terrace which opens from the kitchen. Clapboard addition is Bonnie's nursery. At right, Wheats get a needed rest

# REMODELING IN EASY STAGES

John Wheat's family had built a four-horse stable on their property back in 1928. For years it was unused, until after the war when John and Barbara decided it was the ideal place to make their home. The country location in Darien, Connecticut, was a perfect spot to raise a family, and the peace and quiet of the farm was a natural setting for John's profession as a painter. The stable itself with its extra-large stalls and big carriage room was a sound basic structure which could take additions and changes as required for a home. The Wheats started their project in 1946, have since gone through two remodeling phases and are now resting up for the third and final one. At the outset, the existing structure suggested the arrangement of living quarters. The four horse stalls, two to a row divided by a center aisle, would provide a compact arrangement of center hall, two bedrooms, kitchen, and bath. The carriage room and hayloft above it would combine nicely to provide a two-story living-dining room. Of the two stalls on the north or front side, the one adjacent to the carriage room gave way to make a 7′ x 9′ bath and an enclosed stairway to the second floor. The other north stall, by borrowing a bit of space from the hall, was made large enough for son Jock's bedroom. To increase the size of the stall directly opposite sufficiently to make the master bedroom, they knocked out enough of the south wall to build on a six-foot-square addition. After the first remodeling this was John and Barbara's bedroom, is currently a nursery for young Bonnie, newest addition to the Wheat family. The remaining stall kept its original size when it became a kitchen. The conversion of the carriage room to space for living and dining, and the addition of a studio (planned to become a garage later) completed phase Number One of their project, and the Wheats moved in. Two years later, they decided the time had come for John to have a real studio with abundant north light for his painting and for Barbara to have the larger bedroom she wanted. These two new rooms were added to the east end of the house, the bedroom a 15′ x 19′ low-roofed addition next to Bonnie's room, the studio beyond it an enormous 20′ x 30′ room with a north window large enough to pass through John's biggest painting and murals. The third phase of remodeling calls for finishing the upstairs bedroom and completing the many details of changes already made. Part of the charm of what they have done is that the Wheats have emphasized rather than disguised the fact that the building was once a stable. They have left high stall windows where they could, kept horse-chewed window sills and the original barn siding for interior walls. Over-all, the cupola still reigns, topped with a weathervane as on stables of old.

[Continued on the next page]

CONNECTING OLDER STRUCTURE with new studio, present master bedroom adjoins earlier one whose high window, which once opened outdoors, will be closed with shelves on this side, paintings on other. Insulation board walls may be paneled or plastered. Gold print and fabric on wing chair are by Riverdale

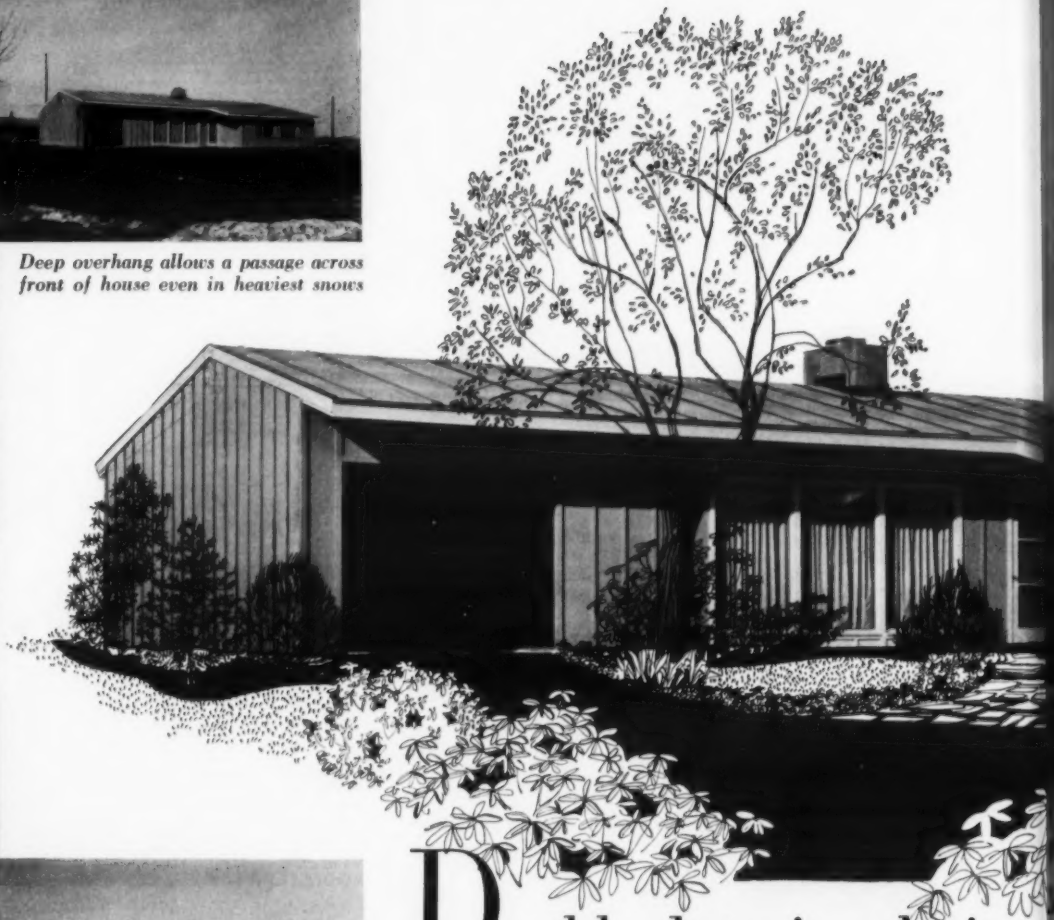
PAINTING was all done by Barbara and John on an artist's holiday. After the well house received two coats, its roof was blown off by a hurricane

STUDIO is exhibition gallery and workroom. John paints at other end, which gets good north light and is separated from south side by a chimney. Table is shadow-box picture frame on a packing-case base, with Barbara's sketch of house under glass. Sofa and chair are covered in Golding textured fabrics

WRITING CORNER of living room utilizes space between door to enclosed stair (left) and center hall. Hall floor was raised to house heating pipes underneath. Door in hall opens to storage closet. Desk is a drawing board on two coffee bins which store newspapers for fire

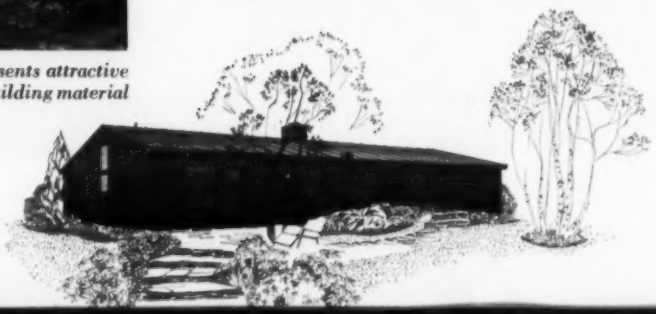
**FORMERLY THE CARRIAGE ROOM** and hayloft, the Wheats' main gathering place retains its rusticity with barn siding, fieldstone fireplace, and hunting souvenirs. When the ceiling was removed, John installed a skylight so they could enjoy quantities of sunshine with extra view of trees and sky. *Napoleon* lamps behind sofa are from House of Regiments, designed by John's brother, Edward Wheat

*Deep overhang allows a passage across front of house even in heaviest snows*



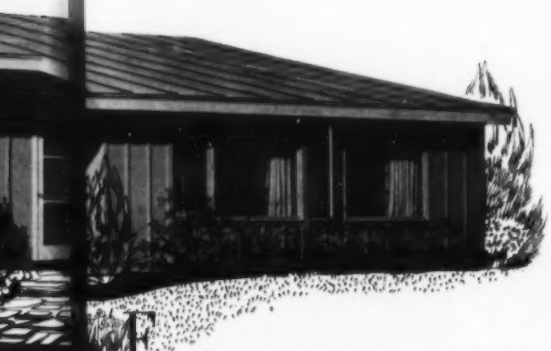
# Double-duty insulating material reduces cost

*Insulating sheathing presents attractive appearance as exterior building material*



## Exterior design for Minneapolis winter

All the materials in this house were chosen for their performance in rugged weather. The walls are surfaced with a compressed wood fiber material (in itself of excellent value for insulation) over which battens are nailed to create pattern on the exterior of the house. A mineral-surfaced roll roofing continues the vertical stripes. Windows are mill-made, double-glazed with a chemical seal to prevent fogging. They are sheltered by deep overhanging eaves. Garage (15′ x 23′) is scaled well in excess of single car size; the remaining space accommodates the fuel oil tank, garden tools



Everytime we show a house built in a warm climate we get dozens of letters from the denizens of the North Country, complaining that such a house would never be suitable for them. Our answer is that today, outside of terrain and personal preference, there is no necessity for regional architecture. The difference between most houses shown and what could be lived in anywhere is in the heating and insulation. Here is a house in Minnesota planned by a young Minneapolis builder, Robert A. Norsen, who has devoted his time exclusively to beating the cost of winter. In two years of experimentation he has developed this theory: that by balancing building materials with interior planning and a heating system, sufficient insulation and heating can be included and costs still kept low. The house shown on these pages is the first in a tract earmarked for fifty. Outside facing is a material normally used as insulating sheathing, a wood-pulp substance which is ground and integrally treated with asphalt. It has been primed for exterior use. Two-inch blanket insulation is used between wall studs. Inside, a centrally-located, oil-fed warm air furnace acts on the old-fashioned space heater principle. By not running the bedroom walls to the ceiling, the warm air is allowed to circulate throughout the house, heating all of it without the ducts which are used in most systems. Acoustical insulation for ceilings absorbs most of the noise that would ordinarily ricochet from room to room. Also making for economical heating is the open floor plan; areas are kept separate by a clear definition of each area's use. Cost and design have been closely related: builder Norsen's theory has accounted in large part for the architectural simplicity of the house and has produced 1,250 square feet of space for about $12,500, excluding land.

[Continued on the next page]

### BUILDING DATA

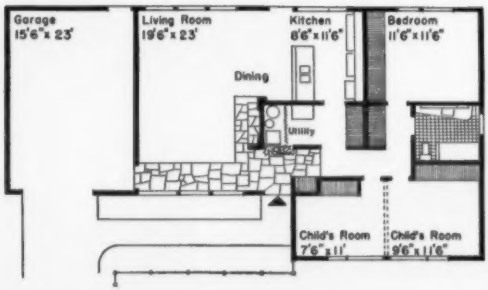
DESIGNED AND BUILT BY NORSEN CO.

| | | |
|---|---|---|
| **Foundation** | concrete slab on grade | |
| **Insulation** (slab) | *Insulite* Perimeter Insulation | Insulite |
| **Floor surfacing** | *Corinco* cork tile over *Bildrite* Sheathing underlayment | Cork Insulation Insulite |
| **Structure** | Douglas Fir framing lumber | Weyerhaeuser |
| **Roof** | 5/16″ *Weldwood* PlyScord sheathing | United States Plywood |
| surfacing | mineral-surfaced asphalt roll roofing | United States Gypsum |
| **Surfacing** | | |
| exterior | primed *Graylite* | Insulite |
| interior | *Sheetrock* gypsum wallboard: Foil Back, Knotty Pine and Plain Panel | United States Gypsum |
| ceiling | *Fiberlite* Tileboard | Insulite |
| **Insulation** | *Silvawood* blown fiber in ceiling | Weyerhaeuser |
| | 2″ blanket in walls | Certain-teed Products |
| **Doors** | | |
| exterior | mahogany, glazed | Norsen Co. |
| interior | *Rezo* flush paneled | Paine Lumber |
| closets | *Ra-Tox*, folding | Hough Shade |
| accordion | *Modernfold* | New Castle Products |
| **Hardware** | residential lock sets | Schlage Lock |
| | hinges | McKinney |
| **Sash** | mahogany, double glazed | Norsen Co. |
| **Heating** | warm air furnace, oil fired | Queens Stove Works |
| controls | electric | A. P. Controls |
| **Plumbing** | | |
| water supply | *Deming* pump | The Deming Co. |
| fixtures | *Briggs Beautyware* | Briggs |
| water heater | *Hotpoint* | Hotpoint, Inc. |

When you buy, build or remodel a house, be sure you know the brands of material used. They are the best protection for your total investment.

## Access from the entry

Living-dining area, bedrooms, and even the kitchen —all have immediacy to the entry. The dropped partition system makes the most of heat; blown insulation between ceiling joists helps retain it




## Living center of the home is light and open

Upon entering the living room of this house the visitor is impressed immediately by its spaciousness. Actually, it seems even larger than the ample proportions of its 19'6" x 23' dimensions. Materials have been used with dramatic effect: flagstones paving the entry extend the full length of the window wall, and form the hearth. Tile-board acoustical ceiling and cinder blocks of chimney wall, painted white, give a continuing pattern of rectangles which balances the room pleasantly. Cork floor lends texture interest and is also part of the carefully planned noise reduction scheme. The chimney block is not only an interesting architectural feature, but is extended to provide a utility room. The furniture assumes its role as part of the architectural planning by dividing space effectively, creating area divisions without limiting the visual enjoyment of the open plan. We doubt if the critics who decry "modern" would be too conscious of "period" in this room. We feel they would first be aware of warmth, comfort, and charm, at a price within reach

**House decorated by The Dayton Company, Minneapolis**

## A bedroom with an outdoor air

Large window and door to future terrace make the outside almost a part of this master bedroom. In both colors and choice of wood, the decoration serves to further an emphasis on nature. Plain surfaces are given first importance: maple, finished naturally, is combined with the precise design of woven cane. The sole pattern is in the crisply fresh print, used for draperies and the ruffle on bed

ERNEST SILVA

## For children, two rooms in one

An accordion door provides the seclusion which children's studies demand. When open, there is one large room, held together by a single color scheme, one pattern for draperies and furniture from the same collection. Economical wallboard gives paneled interest to the walls. The other occupant of this large space has his headquarters at the opposite end, shown on the next page

- Furniture in living-dining area, master bedroom.....MURRAY OF WINCHENDON
- Fabrics throughout.....COLONIAL DRAPERY & CURTAIN
- Rugs in living-dining area, master bedroom..... AMSTERDAM
- Paint, exterior, interior...COLORIZER PAINTS
- Record player.....V-M CORPORATION

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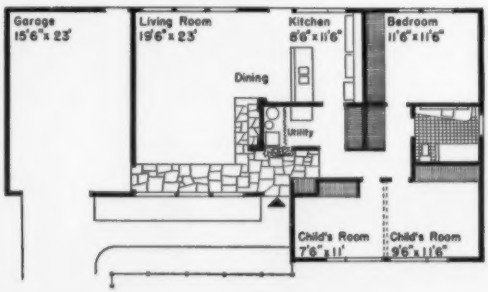


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An accordion door provides the seclusion which children's studies demand. When open, there is one large room, held together by a single color scheme, one pattern for draperies and furniture from the same collection. Economical wallboard gives paneled interest to the walls. The other occupant of this large space has his headquarters at the opposite end, shown on the next page

- Furniture in living-dining area, master bedroom.....MURRAY OF WINCHENDON
- Fabrics throughout.....COLONIAL DRAPERY & CURTAIN
- Rugs in living-dining area, master bedroom ..... AMSTERDAM
- Paint, exterior, interior...COLORIZER PAINTS
- Record player.....V-M CORPORATION

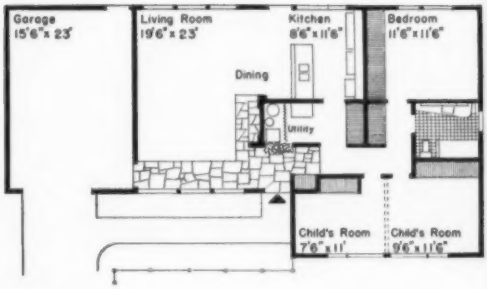
[Continued on the next page]

## A kitchen which is always on tap

The open plan of this house extends even to the kitchen. An absence of partitions leaves it completely free to the living and dining areas. Dining table's convenient arrangement adjacent to sink and counter space makes the informal kind of efficiency for which this house was planned. The utility room adjoining the kitchen is handy for storage, heating equipment, and the washer-dryer. Translucent panels used in this interior room "borrow" light from the hall and help overcome the feeling of working in confined space

## Other side of children's room

Furniture in the children's rooms was chosen not only for long use (it's of hard magnolia wood, stained charcoal), but for service. Drawers are commodious, shelves are ample, height is right. Flexible doors for closets, easily operated, will encourage neatness. The sloping ceiling adds a feeling of spaciousness, particularly when the accordion partition is open to throw the two rooms together



- Range and refrigerator.....KELVINATOR
- *Duomatic* washer-dryer.....BENDIX
- Furniture in children's rooms.....*The Answer Group* BY STUX
- Rugs in children's rooms.....BELRUG

## A corner for household accounts

Placed away from main traffic area (just back of the sofa grouping), the maple desk has a large file drawer. Background wall is of narrow gypsum wallboard panels, simulating pine

ERNEST SILVA

## Shuttered privacy for a bath

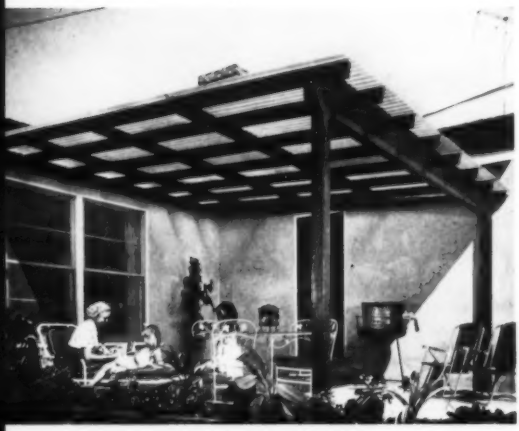
The double bank of windows adds height and deceptive spaciousness to the bathroom. Shutters efficiently control light and privacy. The long, wedge-shaped counter, topped with laminated plastic, just clears the door and stops short of the windows. Large mirror, with fluorescent light fixture above, runs the full length of the counter. On the opposite wall, shower-high partition divides tub from toilet

*See Your Guide to This Issue*

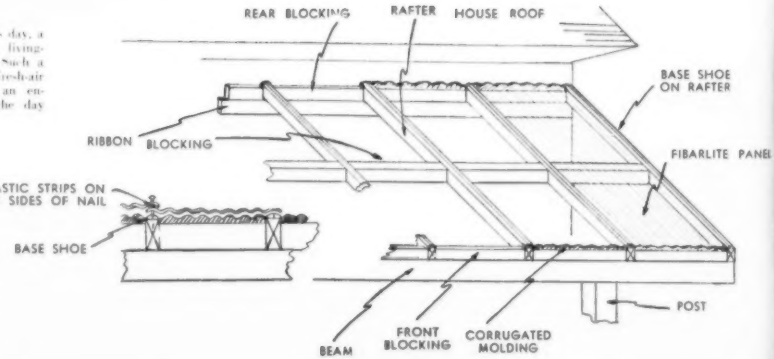
for further information

# ROOF ADDS AN EXTRA ROOM OUTDOORS

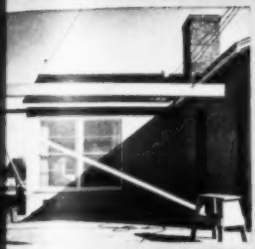
One homemaking injunction that bears unlimited repetition is: get the most out of what you have. Applicable in countless instances, it is here directed to homeowners who have patios, terraces, or some space adjacent to the house for warm weather relaxation. Even in summer, the greatest possible use is often not made of such areas because they are uncovered. If it rains, there is a scurry to cover the furniture and get indoors; on glaring midsummer days the sun may be so hot that sitting out on an open terrace is unpleasant. To satisfy the need of keeping rainy weather out and yet letting sunlight in, an ideal shelter for a terrace can be made from any of a number of translucent corrugated panels made of fibrous glass and polyester resins. These panels let in light, keep out glare, and are thoroughly waterproof. They can be sawed and nailed and their light weight makes them easy to handle, even by one person. In addition to use as roofing, these panels can be utilized for windbreaks and fences equally satisfactorily. Such a shelter as the one shown on these pages can be built in a few week ends by anyone handy with tools; a hammer and hack saw are all that is needed in addition to the lumber, corrugated panels, mastic sealer, and galvanized nails. Corrugated panel material used in roofing installation shown is *Fibarlite*



**SHADY RETREAT** on a hot summer's day, a roofed-over terrace is like an extra living-dining room, even in rainy weather. Such a sheltered area makes outdoor dining, fresh-air entertaining, or just plain loafing an enjoyable possibility at any time of the day




**DIAGRAMMATIC** view of roof shows simplicity of construction involved in building a terrace shelter. Spacing of rafters is determined by strength of panels. Only difference between plan shown here and one followed on opposite page is that in diagram, rafters are set on top of ribbon instead of toenailed into ribbon



**1.** Basic framing for terrace shelter consists of two 4 x 4 posts, with 4 x 8 beam and 2 x 4 ribbon nailed to wall of house at a height to pitch roof for drainage

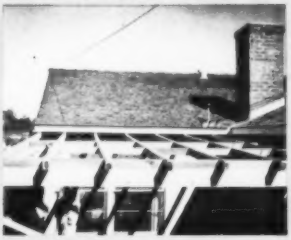
**2.** Use level to assure posts are perfectly vertical. Fasten them to floor with bolts set in slab or support posts with concrete piers. Bracing is temporary

**3.** Rafters of 2 x 4 or 2 x 3 surfaced lumber should be planed at corners before erecting. Rafters can be precut by dealer if lengths are known

**4.** Nail two strips of ¾" x ¾" base shoe down the center of each rafter before erecting, to obtain a rounded surface through which roofing can be nailed

**5.** Cut blocking strips so that they are ½" less in height than rafters. Length of strips is determined by spacing of rafters

**6.** Nail rafters and blocking strips in place, rafters resting on beam at one end, against ribbon at other. Nail blocking on ribbon and on beam between each of the rafters



**7.** Additional blocking should be nailed between rafters at intervals to brace them solidly and to prevent warping. Note that rafters in this case extend beyond beam to provide overhang

**8.** Nail corrugated molding strips to blocking strips; corrugations will allow full support of the corrugated panels when they are laid over rafters

**9.** Saw panels to proper size with an open-blade hack saw or power saw with abrasive blade. Do not use wood saw; it will get dull

**10.** Place strip-type mastic sealer along upper ridge of one edge of each corrugated panel. It is always best to do this before putting the panels in position on top of the rafters

**11.** Set panels in place on roof, lapping one over the other the width of one corrugation. Mastic applied in the last step seals panels, makes roof watertight

**12.** Where two panels join, put mastic strip along top of corrugated ridge. Make joints, parallel to corrugations, above a blocking strip topped with molding

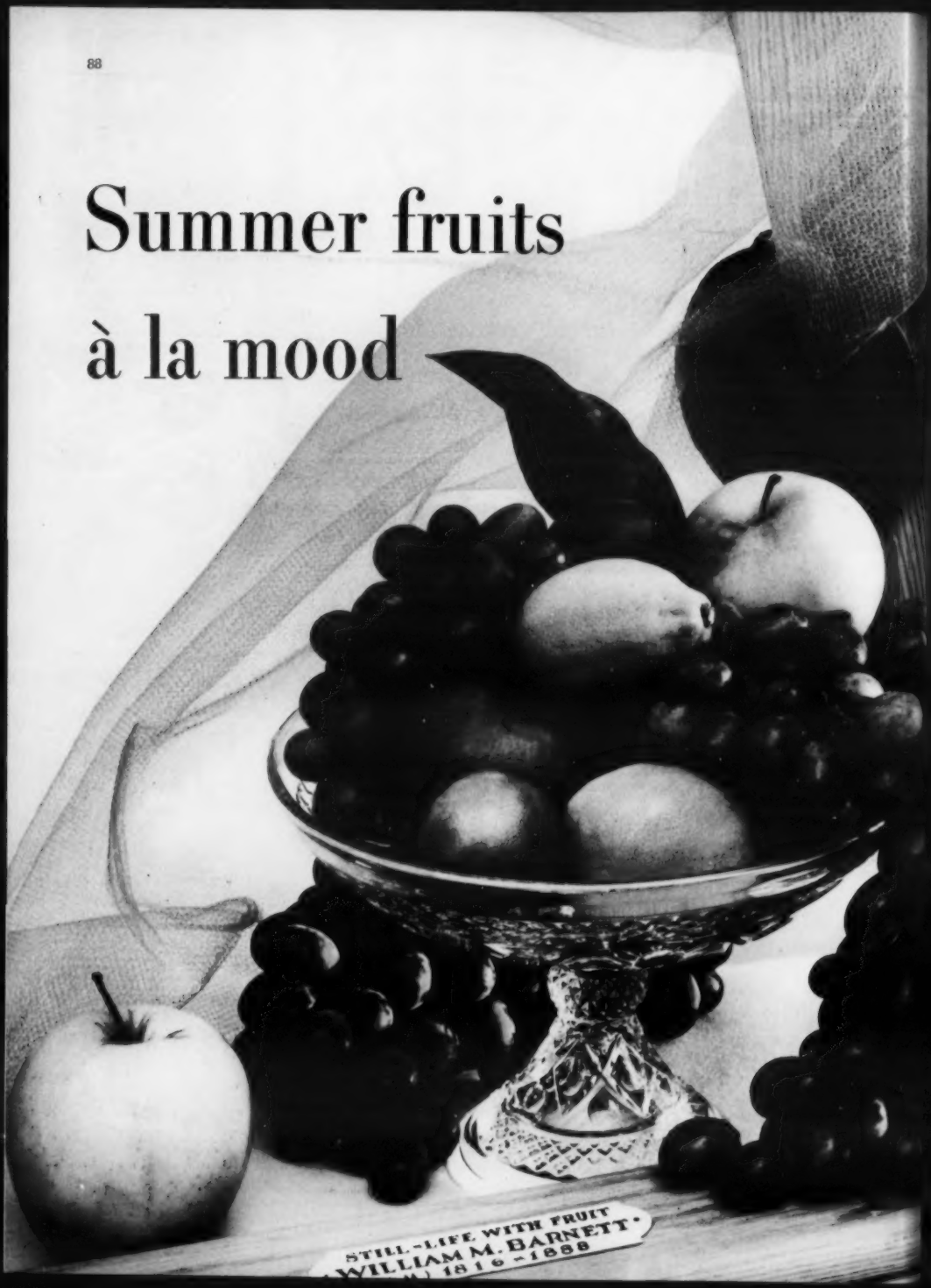
**13.** Nail, with galvanized nails, through panels to rafters every ten inches, and wherever panels join. Nail on crest of corrugation

**14.** Roofing should fit well back under eaves of the house to assure good drainage, avoid leaks in rainy weather. Panels themselves are completely waterproof

**15.** Finished roof, installed properly, is neat, attractive and sturdy, a permanent structure. Such a roof will stand up under the buffetings of gales and the weight of winter snows

**16.** Shatterproof and rugged enough to bear up under the weight of a man, a roof of such corrugated glass fiber and resin panels should give no upkeep problem

# Summer fruits à la mood



### *for the artist*

*The enterprising shopper will make fruit purchases serve a dual-purpose—first, for decoration, then for nutrition. Fresh pineapple, cherries, peaches, lemons, limes, and grapes add their color and fragrance to a room. They suggest hospitality, too.*

### *for the gourmet*

*If there's naturally ripened fruit, a serving of well-aged cheese, and a glass of good wine, the gourmet wants no more. Fruits grown in natural soil and ripened in summer sunshine need no embellishment. Like fine wines, they taste sweeter and more full-bodied when served at room temperature. Too much chill decreases the sense of taste. Too many people miss the exciting natural flavor and fragrance which fresh fruit is meant to give!*

### *for the adventurer*

*The cook with any kind of eye for color and texture doesn't need a recipe for preparing fruit. Inspiration starts at the market. Boldly colored fruits make handsome garnishes. Soft fruits, like raspberries, bananas, persimmons, are complemented by textured fruits such as pineapple or pears. Delicately flavored melons and berries harmonize with lime, wine, or ginger sirups. Macaroon crumbs, toasted almonds, lemon and orange rind, coconut, cinnamon, nutmeg, ginger, or wine helps, too.*

### *for the neophyte*

*This is one field of food preparation where judgment and taste count more than measurements and techniques. If you adhere strictly to rules, you'll miss the excitement of creative cookery. Try the recipes we suggest once — then rewrite to your own taste.*

For other fruit recipes, see page 92

When the tiny wild strawberries start ripening in the woods of France, the homemaker there gets out her stone jar and starts preparing rich, fruit brandy sauce. This delicacy will make its first appearance on her table the next Christmas. It's a sweet, mellow sauce, a natural accompaniment for a fat goose, or a finishing touch for puddings, *crèmes*, and ices. Make an extra jar of this sauce for the gourmet friends on your Christmas list.

Get a stone or Mason-type jar with a tight-fitting lid. If glass jar is used, keep in dark place so that fruit won't fade. A half gallon or gallon is a good size. Clamp covers are best, but you can use aluminum foil if you place a weighted plate on top.

Start with a quart of ripe strawberries with no bruises. Wash, drain, and hull. Add a quart of sugar and let stand about an hour or so. Then cover with brandy—about two cups will do the job.

When plump Bing cherries appear in the market, use a pint of those. Wash and stem, add a pint of sugar, and let stand overnight. Sugar plumps the cherries, keeps them from shriveling. Next day, add the cherries with their sirup to the brandied strawberries.

Currants, red raspberries, fresh pineapple, gooseberries, apricots, peaches, and peeled pears may be added as they appear in the market. These are added with equal amounts of sugar. Avoid using fruits with tough skins, such as grapes or apples. Very soft fruits, like bananas or melons, do not brandy well. Plan to add the last of the fruit around September. Then seal the jar well, and don't open until just before Christmas. The fruit will be dark in color and mellow in flavor. Pack in pint-sized jars for Christmas gifts. Serve as a sauce with meats, over ice cream, pudding, or chiffon-type pies.

# NURSERY BUILT BY PARENTS' HOBBIES

## Carpentry-minded father and artist mother pool talents to give their child a model room for $35

Little Thea Wolfson, of North Bellmore, New York, is the lucky girl who calls this room hers. Until recently it was a drab nursery with a crib and oversized pieces of inadequate furniture that crowded the room. Then Thea's parents, her father a woodworking hobbyist, her mother an artist, went to work. The walls were paneled up to a height of four feet with knotty pine, then finished to the ceiling in a colorful plaid wallpaper. Bob Wolfson, using the same knotty pine and some additional lumber, made a bedframe, dressers, a bench, and built-ins. Anne Wolfson turned her hand to painting wall decorations and making draperies and bedcover; a rug, which they already owned, plus a pair of secondhand chairs which Bob refinished, rounded out the furnishings. The result: a room which will comfortably fill a child's needs for years to come.

**IMAGINATIVE CARPENTRY** is evidenced in every corner of Thea's room. The bulletin board, made of two squares of perforated hardboard, folds down on hinges to form a table where Thea can have lunch. Inside the double bench, under the hinged seats, is a spot for her toys. Built-in closet has two clothes poles to make maximum use of relatively limited space

ERNEST SILVA

**CHEERY BED CORNER** makes turning in at night a happier necessity for a child. The circus figures marching around the wall were painted by Thea's mother, then cut out and pasted against wallpaper. Picket fence made of 3" x 38" slats now keeps Thea tucked in safely, can be easily removed when she's older

**BUILT-INS CONSERVE SPACE** in a small room such as this which measures 10'6" x 12'3" over-all. Bed is built high to allow space underneath for linens; footboard of bed is a bookcase, adjacent to corner desk, which is continuous with combination dressers-game shelf. Little stepladder enables Thea to reach into the top drawers or take a toy down from shelf. Fiber rug is sturdy and inexpensive

## Planned to give the most for the money

[Continued from page 47]

The following is a list of contractors in California who are licensed to build this house. It is expected that there will be licensed contractors in other parts of the country in the future.

**Bel Air Construction & Investment Co.**
Flintridge, Calif.
*Area: Pasadena*

**Jack Benson**
Miramar, Calif.
*Area: Southern California: El Cajon, La Mesa & San Diego*

**Blackfield Construction Co.**
San Francisco, Calif.
*Area: San Francisco Bay: Marin County & Novato*

**Arthur Clemens**
Santa Barbara, Calif.
*Area: Southern California: Santa Barbara*

**Daley & Simmons**
National City, Calif.
*Area: Southern California: National City & San Diego to Mexican Border*

**Frank Hart & Son**
San Bernardino, Calif.
*Area: Southern California: San Bernardino, Colton, Redlands*

**Rupert V. Hauser Co.**
Borrego Springs, Calif.
*Area: Southern California: Borrego Springs*

**Helm, Ostberg & Anthony Burke**
Palm Springs, Calif.
*Area: Palm Springs*

**King Associates, Ltd.**
West Covina, Calif.
*Area: West Covina*

**Lakewood Rancho Estates**
Los Angeles, Calif.
*Area: Southern California: Orange County—Lakewood Village in Long Beach*

**MVM Construction Co.**
Bakersfield, Calif.
*Area: Central Valley: Bakersfield, including all of Kern County*

**Norlie Construction Co.**
Chico, Calif.
*Area: Northern California: Chico, including Oroville, Willows, Red Bluff, Marysville & Northern California*

**Penner, Wright & Blohm**
Fresno, Calif.
*Area: Central Valley: Fresno & Fresno County*

**Robert Platt Construction Co.**
Orinda, Calif.
*Area: San Francisco Bay: Antioch & Oakley*

**Ranch House Fabricators**
Los Angeles 49, Calif.
*Area: Southern California: Los Angeles*

**Ranch House Sales, Inc.**
Los Angeles, Calif.
*Area: Beverly Hills*

**Robbins & Ivans**
Hanford, Calif.
*Area: Central Valley: Hanford & Kings County, Visalia & Tulare*

**Sturgis, Collis & Riley**
Anaheim, Calif.
*Area: Anaheim, Santa Ana*

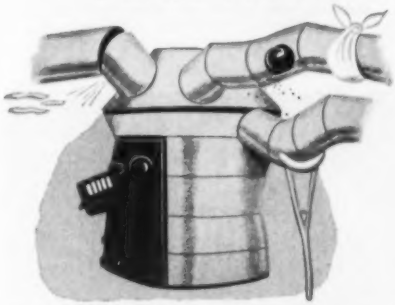
**M. J. Terranova-Hanna Associates**
San Mateo, Calif.
*Area: San Francisco Bay: Newark, Pleasanton, San Lorenzo*

**Terranova-San Diego**
Vista, Calif.
*Area: Southern California: Northern San Diego County, including Oceanside, Vista*

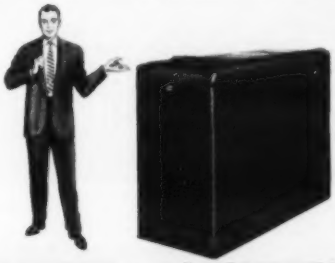
**Western Built Homes, Inc.**
Los Angeles, Calif.
*Area: Southern California: Los Angeles & San Fernando Valley, Barstow*

**Wilmore & Royden**
San Mateo, Calif.
*Area: San Francisco Bay: Monterey & Bay*


"Why they put up with me, I don't know"...



I'm just too old to work anymore. I leak all over, I'm coated with soot, rust and dust, and I just can't do a good job any longer. Lately I have been blowing smoke rings all over the basement, and I know the lady of the house doesn't like that. The rest of the family complains because I don't give them smooth, even comfort upstairs. *Gosh, why don't they let me retire and replace me with one of those modern automatic Mueller Climatrol year-around air-conditioning units?*



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Tips from your Mueller Dealer

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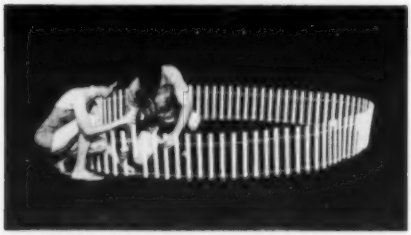
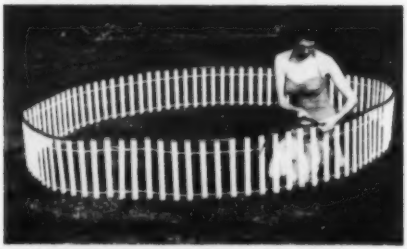
# POOLS—SUMMER COOLERS

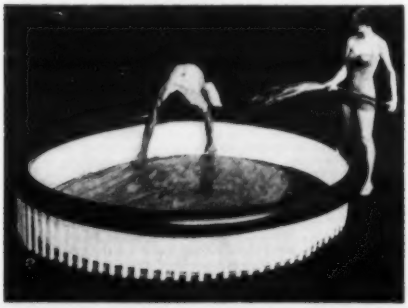
Nothing delights a child more on a hot day than a splash in cool water. One way to make the children happy—and their parents, too—at far less cost than a seashore vacation is a back-yard pool. Plastic ones can be set up without the need of excavation and rolled up compactly after the end of the season for easy storage. Both pools shown here by *Doughboy*.



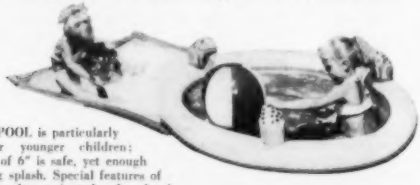
FIRST, SET UP SIDE WALL of wood and metal which comes ready assembled in kit. When formed in a circle the two ends will lock in position. This type of installation requires no digging or carpenter's tools



SLIP CAPPING TUBE over the top edge of the ribbed side wall. This protects the cushion bumper of plastic liner when it is set in place. Pool can be up and ready for use in a matter of minutes



ADJUST PLASTIC LINER into position inside wall, after inflating (blower attachment of vacuum cleaner will do it). Pool is ready to be filled. Special valves can be used to permit circulation of fresh water. Pool measures 12′ across and 24″ deep, holds 1,600 gallons of water



SMALLER POOL is particularly suitable for younger children; water depth of 6″ is safe, yet enough for a cooling splash. Special features of this model are three noisemaker frog heads and attached apron which can be filled with sand

## Summer fruits à la mood [Continued from page 89]

### FRESH FRUIT COMPOTE

A lovely crystal bowl or individual compote dishes help dramatize this wonderful summer dessert.

*2 cups strawberries, washed and hulled*
*2 cups cherries, washed and pitted*
*2 cups seedless grapes*
*2 bananas*
*1 cup confectioners' sugar*
*⅓ cup Cointreau or fruit brandy*

Toss strawberries, cherries, and grapes with confectioners' sugar. Add Cointreau and cover the dish. Place in refrigerator for 3-4 hours to mellow. Add bananas before serving. Serves 6-8.

### VARIATION

In place of fruits listed in recipe, try raspberries, currants, and pineapple, *or* peaches, blueberries, and white grapes.

### PIQUANT PINEAPPLE

Fresh pineapple needs little embellishment. Here's a way to keep it on hand and it will still taste good a week from now.

*1 large ripe pineapple*
*1 lemon*
*½ cup sugar*
*½ cup water*
*¼ cup crème de menthe*

Slice and peel pineapple. Cut in bite-size pieces. Grate rind from lemon—then squeeze the juice. Mix lemon rind, juice, sugar, and water, and simmer about five minutes. Remove sirup from heat. Cool; add crème de menthe. Pour sirup over pineapple and chill. Serve cold. Serves 4-6.

### FRESH RASPBERRY PARFAIT

If the price is high early in the season, this is one delightful way of stretching the flavor of the first berries—so many can enjoy a single pint.

*1 pint ripe raspberries*
*½ cup currant jelly*
*¾ cup whipping cream*
*1 quart vanilla ice cream*

Wash and drain berries. Place currant jelly in bowl over hot water. When jelly is softened, beat until it is foamy. Fold raspberries into jelly. Whip the cream—then fold it into the ice cream. Fill parfait or sherbet glasses with alternate layers of ice cream and raspberry mixture. Top with a perfect fresh berry. Serves 6-8.

### CALIFORNIA WINE SAUCE

A foamy, rich-tasting sauce that may be used in place of cream over fresh summer fruits. This sauce is uncooked.

*2 egg yolks*
*1 cup confectioners' sugar*
*¼ cup muscatel, angelica, or white port wine*
*1 teaspoon lemon juice*

Beat egg yolks until light with rotary or electric mixer. Add one-half cup sugar gradually. Add wine and remaining sugar alternately and beat well after each addition. Add lemon juice. Spoon sauce over fruit and serve at once. This amount of sauce is sufficient for 6-8 servings of fruit.

### FRESH PEACH SHERBET

A delicate, refreshing summertime dessert with an unusual tang.

*1 cup buttermilk*
*¼ cup concentrated, quick-frozen orange juice*
*4 cups fresh, ripe peaches, cut in pieces*
*1 cup sugar*

Place all ingredients in glass container of electric blender in order indicated. Turn on blender and run until smoothly blended (about 15 seconds). Pour mixture into freezing tray and freeze as quickly as possible. When frozen about half an inch from sides of tray, remove from refrigerator and stir until smooth. Replace in freezing unit and freeze until firm. Serves about 6-8.

### STRAWBERRY-RHUBARB PIE

Use a prepared pastry mix, or your own favorite pastry. Line a 9-inch piepan with pastry, then fill with this filling.

*3 cups pink rhubarb, cut in small pieces*
*1 cup whole strawberries*
*2 eggs*
*2 cups sugar*
*4 tablespoons flour*
*3 tablespoons butter*

Beat eggs. Mix sugar and flour together, then add to eggs. Put strawberries and rhubarb in pastry-lined pan. Add egg, sugar, and flour mixture. Dot with butter. Cover with pastry. (Lattice top looks very pretty on this pie.) Bake in moderate oven, 400°F., for 45 to 50 minutes. Serve slight-

ly warm—soon after baking. This pie should not stand and wait long to be served. Serves 6.

### FLAMING PEACHES

The last part of this exotic dessert may be prepared at the table in a chafing dish.

*6 ripe peaches*
*1 cup water*
*1 cup light brown sugar*
*1/3 cup rum*
*3/4 cup macaroon crumbs*

Plunge peaches in boiling water. Peel and remove stones. Poach peaches in sugar and water sirup about eight minutes. Transfer peaches to chafing dish. Cook sirup down to about 1 cupful, then pour over peaches. Put 2 tablespoons macaroon crumbs in center of dessert plates. Pour rum over peaches and set ablaze. Serve 2 halves on each mound of macaroon crumbs with sauce over top. Serves 6.

### PEACHES CECILY

Like peach Melba, this dessert sounds elaborate but is amazingly easy to do. Canned peaches may be used.

*6 almond macaroons*
*8 marshmallows, cut in small pieces*
*1/2 cup sweet sherry wine*
*1/2 cup whipping cream*
*3 medium-sized ripe peaches*
*1 pint vanilla ice cream*

Crumble macaroons into a bowl. Add marshmallows, sherry and cream and chill several hours or overnight. Peel peaches and cut in half. Place peach-half, cut side up, in sherbet glass. Top each half with scoop of ice cream. Beat macaroon and marshmallow mixture until smooth. Spoon over ice cream and peach. Serves 6.

### STRAWBERRY CUP CALIFORNIA

Place hulled, washed strawberries in sherbet glasses or dessert dishes. Over the berries pour the following sauce.

*2 egg yolks*
*1 cup confectioners' sugar*
*1/4 cup California muscatel, angelica, or white port wine*
*1 teaspoon lemon juice*

Beat egg yolks until light with rotary or electric beater; gradually beat in 1/2 cup sugar; add wine and remaining sugar alternately, beating well after each addition. Add lemon juice. Spoon sauce over strawberries and serve at once. This amount of sauce is sufficient for 6-8 servings of strawberries. Equally delicious with other fresh fruits.

### FRESH PEACH-RASPBERRY BOWL

*2 cups crushed raspberries*
*1 tablespoon lemon juice*
*1/2 cup California port wine sugar to taste*
*6 large, fresh peaches, peeled and halved*
*2 (3-ounce) packages cream cheese*

Mix raspberries, lemon juice, 1/4 cup port, and sugar. Peel and halve peaches; arrange in a serving bowl; pour raspberry mixture over them. Mash cream cheese with a fork; gradually add remaining 1/4 cup port, beating until mixture is smooth. Heap in a bowl and serve as a topping for the fruit.

*Note:* A combination of fresh pineapple cubes, raspberries, quarters of fresh, peeled peaches, and navel oranges is wonderful with this crushed raspberry topping. Here again, strawberries may replace the raspberries.

### CHEESE, CREAM AND BERRIES

The English have their Devonshire cream, made by a long, slow process of clotting milk. The French have a lovely *coeur à la crème* which is molded in traditional heart-shaped baskets and chilled. This recipe would not substitute for Devonshire cream for the Englishman nor for *coeur à la crème* for the Frenchman, but it's very easy to do and wonderfully elegant to eat.

*3 (3-ounce) packages cream cheese*
*2 tablespoons milk*
*1/8 teaspoon salt*
*1 cup whipping cream*
*1 quart fresh berries*

Cream cheese until soft. Add milk and salt and beat until fluffy. Whip cream until stiff. Fold cheese into whipped cream. Place in a heart-shaped mold or individual wet molds, and chill thoroughly. Serve with fresh strawberries, raspberries, or blackberries. The strawberries look especially pretty if the hulls are left on. Serves 6-8.

# ASSET UNDERSTAIRS

**Nearly every home with a second floor has waste space under the staircase. Sometimes it is a general catch-all when there is enough storage space in other parts of the house. Often it is already enclosed and just forgotten. Here's how decorator Phyllis Pease turned the idle spot in her home into a cozy snack bar.**

**HANDY TO LIVING ROOM,** the tiny snack bar measures three by five feet, plenty of room for one person to move around freely, and allowing abundant space for storage

**READY FOR SERVICE,** top half of Dutch door opens, revealing shelf on lower half of door. Walls on the inside of the little bar are gaily decorated with bright wallpaper, and pressed into service by the addition of shelves. Small pass-through to kitchen makes it easy to serve snacks along with drinks

**FULLY EQUIPPED** for fast work, there is a small, built-in sink and counter with a laminated plastic top. Besides giving the man of the house a domain he can call his own during parties, the understairs nook keeps him out from underfoot in the kitchen when wife is preparing dinner. Total cost of the unit shown was $85

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575 Madison Ave., N.Y.22, N.Y.


## Polio: facts versus fears

[Continued from page 44]

with slight aftereffects that do not interfere with normal living. Only in fourteen cases out of a hundred, roughly speaking, will serious, permanent crippling result. In short, the odds are in a person's favor.

*How to recognize polio and what to do about it:* The usual symptoms of polio are similar to those of a number of sicknesses: headache, sore throat, upset stomach, sore muscles, dizziness, stiff neck and back, fever and possibly difficulty in swallowing or breathing. Naturally, if cases have been reported in the vicinity, such symptoms should be noted carefully. The person should be put to bed at once and a doctor called. Rest and proper supervision are important in the early stages of polio; overexercise or exhaustion can greatly increase the effect of the disease. If polio breaks out in a community, do not keep your children out of school unless it is recommended by local authorities; your child has probably already been exposed. In any epidemic there will also be a great many so-called "carriers" who, while showing no signs whatever of polio themselves, will be capable of passing on the virus to others. Even if your child does not attend school, he has probably had contact with such "carriers."

Should your child come down with polio, treatment will, of course, be a matter for the doctor to decide. The first and usual treatment will be rest and good nursing. Moist heat may be recommended, special positioning in bed, physical therapy, use of special equipment, particularly in the case of polio affecting the respiratory system, may be ordered by the physician. It should be stated here that the National Foundation for Infantile Paralysis, supported by the donations of the American people, stands ready with March of Dimes funds to help any family who needs financial assistance in meeting the cost of polio. Consult your physician or get in touch with your local chapter of the National Foundation for further details.

The question often arises, if one child in a family gets polio, will the others? If brothers and sisters do not show signs within a few weeks of the time one child is stricken, they probably will not. They have already been exposed to the virus, and may have it in their systems, but headache or minor malaise may be as much as they evidence of the disease.

If polio breaks out in the community, certain precautions should be taken. While your child may already have had contact with a carrier, it is best that he be kept from visiting in a home where a case of polio has appeared. If a child is accustomed to spending time at a neighborhood playground, or other gathering place, let him continue to do so. He has already been in contact with his playmates, and there would be little value if any in keeping him away from them.

The matter of swimming pools often arises at a time of polio. It has not been proven that water is a conductor of the polio viruses. The danger in pools does not arise from the chance of contracting polio in the water, assuming that it has been approved by the local Health Department, but rather from the close contacts with other people and the dangers of overchilling and exhaustion resulting from the activity, which increases a person's susceptibility to polio. Never allow your children to sit around in wet bathing suits or to swim too long in cold water. Children should not be permitted to mingle closely with crowds with whom they are not accustomed to come in daily contact. For that reason it is not advisable for the child to join movie crowds, or mix any more than necessary with strangers at a time when cases of polio are being reported.

If your child is at camp and polio should break out there, do not try to bring him home. Everyone at the camp has already been exposed to the virus, and there would be no value in taking a child out or closing the camp. In fact, there would be grave danger in that the virus might spread outside the camp. In short, the only course to follow in any outbreak is to prevent children from unnecessary contacts with other children, keep them in particularly good health. Be sure to check with your doctor about the advisability of an operation during the polio season.

*What of the future?* If your child is stricken, what will be his chance for recovery? Are there

any drugs that will "cure" polio? Must your child go to a hospital and remain there indefinitely? These are all questions of great importance to any parent.

First of all, there are no miracle drugs that will cure polio. When the virus has run its course—and it is a rapid one—the nerve cells which activate the muscles, whether it be the limbs, respiratory, or any other muscles, may be destroyed and if so, they cannot be repaired. In many instances, surgery has been successful in restoring functional power by the transplanting of a less necessary muscle to replace the one destroyed. In many cases, though, all the nerves will not be harmed and by proper, prompt treatment a limb, the breathing muscles, or whatever part of the body has been attacked, may regain a large part if not all its activity. Physical therapy, plus application of moist heat, will do much over a period of time to help restore the patient to health. How long a patient must remain in a hospital depends greatly on what type of disability the polio has caused and how extensive it is. Respiratory treatment, using such apparatus as the iron lung, usually requires close attention by expert technicians, but in the vast majority of cases, the polio patient will not be forced to spend more than a short period in a hospital—though it may be necessary to return for therapy.

The great hope for the future lies in *preventing* the disease. And in this regard, science is on the doorstep of success. As outlined earlier in this article, gamma globulin and the new vaccines are the greatest hopes for the future. Gamma globulin, because of its temporary and incompletely effective nature, is only a partial answer. A vaccine that safely provides permanent immunization is the ultimate and only happy solution, and the ones under research now may provide it. When scientists believe they are safe for human use, it will be announced, and polio may become a thing of the past.

Until such a time comes to pass it is wise to abide by the suggestions made in this article. The National Foundation has summarized the precautions every family should take in summertime to guard against polio in these do's and don't's. (It might be well to clip and tack them inside your medicine cabinet.)

DO allow children to play with friends they have been with right along. Keep them away from new people, especially in close living.

DO wash hands carefully before eating and always after using the toilet—especially important when polio is around. Keep food clean and covered.

DO watch for signs of sickness, such as headache, fever, sore throat, upset stomach, sore muscles, stiff neck or back, extreme tiredness or nervousness, trouble in breathing, swallowing.

DO put a sick person to bed at once, away from others, and call the doctor. Quick action may lessen crippling.

DO telephone your local chapter of the National Foundation for Infantile Paralysis, if you need help. Locate through telephone book or Health Department. No patient need go without care for lack of money. Your chapter will pay what you can't.

DO remember that half of all polio patients get well without crippling.

DON'T get overtired by hard play, exercise, work, or travel. This means everybody.

DON'T get chilled. Don't bathe or swim long in cold water, or sit around in wet clothes.

DON'T have mouth or throat operations during an outbreak.

DON'T use another person's soiled towels, dishes, tableware, or the like.

DON'T take your child out of camp or playground where there is good health supervision.

In a discussion of polio and the war against it, too much credit cannot be extended the National Foundation for leading the fight, for financing the greater part of it, for providing the equipment to aid recovery, for the teams of doctors, researchers and assistants who have gone into action when an epidemic has broken out. The National Foundation depends on the public for its support and for many of its volunteer workers. To contribute your time and resources to the National Foundation is the surest way to speed the day when polio will be a term of interest only to the medical historian.

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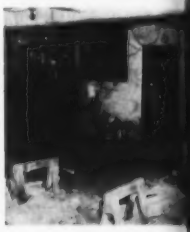
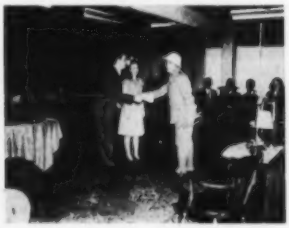
# THEY WORK WHERE THEY LIVE

By WALTER L. HARTER



At the University of Iowa, where they both majored in dramatics, Rheta and Stefan George differed from their fellow students in that they resolved never to storm the theatrical centers of New York or Hollywood. Of one other thing they were sure: They were tired of hearing that the theater outside of New York is dead. Intrigued by arena-type play presentation, they found a building to serve their needs in Bethlehem, Pennsylvania. It was a depressing, ex-garage and ex-plumbing-supply storeroom, but the rental was low enough for them to swing the deal and get to work on the impressive job they have s turned out. Two comple empty and disreputable l ing floors were not eas change into a moder equipped community th plus their own attractive l quarters, but do it they with courage and skill. transformation is comp Seven years ago, Rheta Stefan slept on mats, m graphed their own prog and put on their first show no outside help. Now they the successful *Drawing R Theater* with city-wide pa pation, and their own ho both of which have add great deal to the comm

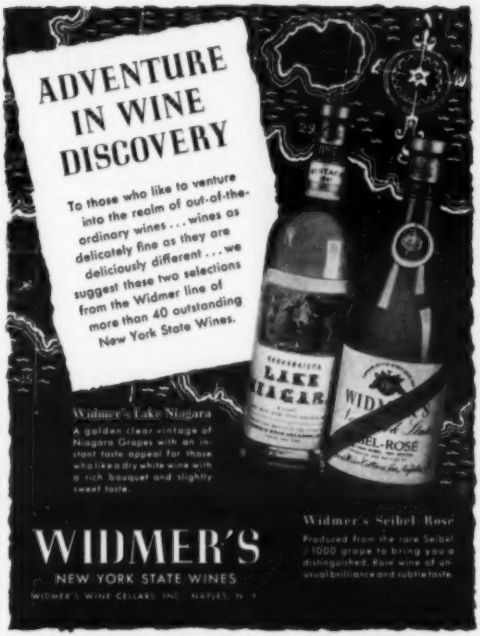
LOBBY AND GALLERY appear from what was the old, grease-stained garage. Members of Lehigh Valley Art Alliance hang different paintings for each show. The *Drawing Room Theater* deducts a small commission. At the far end is the stairway leading to the theater (or playing area) and the Georges' own cheerful apartment

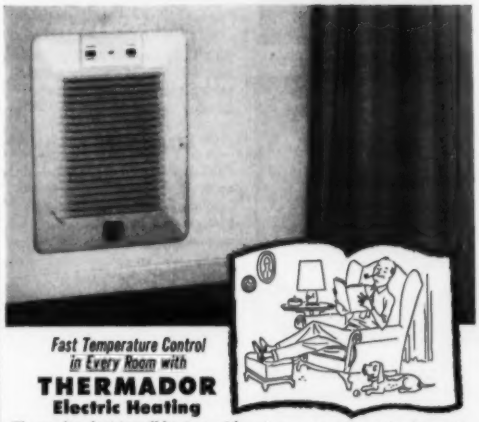


THEATER IS EQUIPPED with full stage lighting. At left, Stefan operates the main switchboard. Right, a scene from *Arsenic and Old Lace*, showing the playing area and seating arrangement. Audience surrounds the actors. Air-conditioned theater is filled to capacity for each show's ten-night run. Bethlehem has given this kind of support for seven years

RHETA AND STEFAN check the script for a new play in the living room of their apartment. In the seventy-four plays produced so far, more than seven hundred local people have appeared (clerks, school teachers, doctors, lawyers, and housewives). Popular, already-proven plays were used first. Now, the repertoire is mostly experimental

THE GEORGES' APARTMENT opens off hall to the theater. Stefan and Rheta use it as a pleasant setting for the speech and acting classes which they conduct for local students of all ages. They believe they have developed a true community project. The city's enthusiastic response to the *Drawing Room Theater* and the Georges has proven it

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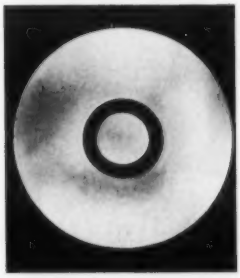

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# PANCAKE PATTER

By NORMA GARNER

The pancake is an American tradition of long standing, but to think of it only as a breakfast dish served plain is to miss much of the pancake's potential. Here are some variations of the usual plain pancake that will not only bring welcome relief to breakfasts that have become stereotyped, but also serve as a main dish for luncheon or dinner.

### BASIC PANCAKE MIX

*2 cups pancake mix 2¼ cups milk*

Add milk to unsifted ready-mix all at once and stir lightly. Somewhat lumpy batter makes light, fluffy pancakes. Pour ¼ cup batter for each cake onto a hot, lightly greased griddle. Bake to a golden brown, turning only once.

### CHICKEN PANCAKES

Spread a baked pancake with chopped chicken. Roll up and serve with cranberry sauce or gravy or curry sauce.

### HAM PANCAKES

Fold 1 cup finely diced or ground ham into pancake batter before baking. Serve with raisin sauce or sirup.

### APPLE PANCAKES

Fold 1 cup chopped, uncooked apple into family-size recipe of batter before baking. Serve with butter and a topping mixture of cinnamon and sugar.

### BLUEBERRY PANCAKES

Fold 1 cup fresh or frozen blueberries into batter before baking. Serve with a mound of whipped cream, and sprinkle with confectioners' sugar.

### PANCAKE SHORTCAKE

Bake four extra-large pancakes, using ½ cup batter for each cake. Stack with fresh or frozen strawberries between each pancake. Top with whipped cream and serve in pie-shaped wedges.

### DESSERT PANCAKES

Place a spoonful of ice cream across the center of cake and roll up. Serve with fruit sauce.

# YOUR GUIDE TO THIS ISSUE

The following items appear in special features in this issue. ALL PRICES QUOTED IN LFYH ARE APPROXIMATE AND SUBJECT TO CHANGE. Write to LIVING For Young Homemakers, 575 Madison Avenue, New York 22, for listing of the stores nearest your home.

## A HOUSE THAT MEETS CHANGE

Pages 30-43

**Dining area** Page 36

Table ..... $138.00
Side chairs (each) ..... $39.00
Buffet ..... $230.00
Chest-desk ..... $153.00

**Living room** Page 37

Lamp table ..... $59.50
Corner table ..... $119.50
Nest of tables (three) ..... $134.50
Armchairs (each) ..... $53.00

**Children's room** Page 38

Headboard-storage beds (each) ..... $99.50
Commodes (each) ..... $99.50

**Master bedroom** Page 38

Bookcase headboard beds (each) ..... $116.50
Desk ..... $139.50
Base unit ..... $92.00
Lamp table ..... $46.00

**Patio** Page 38

Love seat ..... $149.95
Cocktail table ..... $69.50
Side chairs (each) ..... $44.95
Dining table ..... $102.95

**Efficiency apartment** Pages 40-43

Paul McCobb Design Associates:
End tables (each) ..... $13.95
Coffee table (38x18x10 high) ..... $16.95
Bench ..... $18.95
Three-drawer chest ..... $61.95
Upholstered benches (each) $22.50
Dining table ..... $42.50
Captain's chairs (each) ..... $21.95
Lamp table ..... $13.95
Chest ..... $144.00
Coffee table (18x21x15 high) ..... $13.95

## APARTMENT HORIZON WIDENS

Pages 64-67

**Living room** Page 65

Sofa ..... $159.50
Chair ..... $104.50
Drop-leaf table ..... $79.50
Cane-door cabinet ..... $74.50
Cocktail table ..... $49.50
Cigarette table ..... $12.95
Lamp table ..... $33.50

**Bedroom** Page 66

Headboard bed ..... $29.75
Box spring & mattress ..... $79.00
Double chest ..... $114.50
Basket chair ..... $55.00
Lamp ..... $13.95

**Den** Page 66

Couch ..... $103.50
Chair ..... $112.00
Cocktail table ..... $35.00
Floor lamp ..... $33.50
Hanging lamp ..... $19.50

## DOUBLE-DUTY INSULATING MATERIAL REDUCES COST

Pages 80-85

**Living room** Pages 82 & 85

Sofa-table combination ..... $200.00
Left-arm sectional ..... $125.00
Scoop chairs (each) ..... $44.50
Extension dining table ..... $135.00
Side chairs (each) ..... $26.50
Teacart ..... $46.50
Magazine table ..... $19.95
Cube tables (each) ..... $27.50
Slat-bottom table ..... $49.50
Desk ..... $129.50
Side Chair ..... $26.50
*Ambassador* drapery fabric (per yd.) ..... $3.95
*Plain Durabark* curtain & pillow fabric (per yd.) ..... $1.93
*Hearthtone* cotton rug (8x10) $57.75

**Master bedroom** Page 83

Headboard frame ..... $44.50
Night tables (each) ..... $49.50
Chest ..... $179.50
Stacking table ..... $22.50
*Patchwork* drapery and dust ruffle fabric (per yd.) ..... $2.50

**Children's bedroom** Pages 83-84

Chests (each) ..... $32.00
Cabinet ..... $22.95
Bookcase ..... $20.95
Platform bases (each) ..... $19.95
*Noah's Ark* curtain & ottoman fabric (per yd.) ..... $3.95
*Wanda Weve* cotton rugs:
3 x 5 ..... $15.95
4 x 6 ..... $24.95
Record player ..... $77.95

# MR. FIXIT

*LIVING For Young Homemakers' building and home repair experts will help you solve your problems on this page every month. If you have an immediate emergency, a stamped, self-addressed envelope will bring you a prompt reply. Questions about equipment and building materials will be answered frankly and honestly according to the results of our research.*

**Q.** When the grounds around our home were graded, too much fill was used, with the result that the walls of the house are buried a few inches in soil. I have been told that this is harmful to the shingles but, unfortunately, we cannot change the grade which has been established. Do you have any suggestions? D. H. L.

**A.** It is a fact that buried shingles will rot rapidly; you must take action quickly. Pull away the earth which covers shingles, then coat the shingles with asphalt. Then set up boards on edges two inches away from the walls, and pour concrete to make a thin wall high enough to protect shingles from soil.

---

**Q.** We have just bought a cottage where the hot water is heated by a pot stove. It connects into the same smoke pipe as the furnace, and our problem is that we cannot keep the fire in the pot stove going, even with the draft open fully. The furnace, on the other hand, works perfectly. B. E.

**A.** Your trouble arises from the fact that both furnace and stove use the same smoke pipe. The draft from the furnace chokes the stove draft. To remedy, install a separate smoke pipe for the hot water stove.

---

**Q.** The back wall of our living-room fireplace extends into our kitchen and the kitchen range is placed against it. The beautiful pink-colored brick is badly stained—despite many cleanings—from grease that has spattered up from the stove. Can I do something about this? M. T.

**A.** Scrub the bricks thoroughly with a wire brush, then apply a coat of colorless waterproofing compound. This will keep the brick from absorbing further grease from the stove.

**Q.** The floor under the refrigerator and stove in our kitchen has begun to sag noticeably. Could you suggest some means of remedying this which would not be too complicated? J. L.

**A.** Cut several three-foot-long pieces of 2 x 10 plank and nail them against and into the lower edges of the floor joists immediately under the refrigerator and the range. Set up a telescoping steel column under these boards, making certain there is sufficient footing under column to spread the load. Turn column until the sag is taken out of the floor.

---

**Q.** We have a large linen closet in our upstairs hall which is absolutely useless to us because of a heavy, musty odor that arises if the door is kept closed. There is no dampness, and I am, frankly, at a loss to explain the odor. What can you suggest? W. I.

**A.** It is not unusual for old plaster to give off a musty odor under such circumstances as you describe. Apply a heavy coat of paint to the walls and ceiling of the closet, and give the floor a coat of shellac. If this does not completely eliminate the odor, you can install a lining of thin cedar plywood.

---

**Q.** The staircase going down to our cellar is very steep and I feel we should put something on the treads as a safeguard. I would like to use something other than rubber step pads, if you can suggest a suitable substitute. D. P.

**A.** Ask your lumber dealer for pressed wood fiberboard 3/16" thick, which is smooth on one side and rough on the other. Cut treads out of this, bevel on forward edge, and treat with sealer. Install them rough side up, and the result will be a sturdy, safe covering for your stairs.

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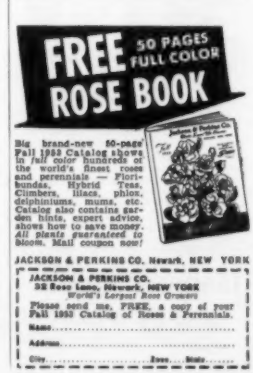


## Memo:

**to those who applied for membership on our Reader-Research Panel**

We thank you for your enthusiastic response to our request (March issue) for applications. Your interest in our Panel is gratifying. To those of you who were not selected, it was simply a case of receiving more applications from each geographic area than there was room for on the panel. However, we are keeping all those applications and when openings arise we will draw upon this reserve to fill them. For those of you who may have missed our invitation it appeared on page 154 of the March issue. We will accept applications for the panel reserve group until the end of this month.

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# MUSIC FOR LIVING

By DAVID RANDOLPH

Although the movies are one of our chief sources of entertainment, the only permanent record that we can take home with us, once we have left the theater, is our memory. Thanks to recordings, however, it is possible for us to hear the music from a number of movies, right in the comfort of our own living rooms. In order to make your evenings at home more enjoyable, I have listed here a few recordings of movie music, ranging from the more serious, dramatic type, through the documentary, to the popular musical comedy.

On a ten-inch LP disc issued by Decca, the Little Orchestra Society, under Thomas Scherman, has given us fine performances of movie scores by two of America's outstanding modern composers. They are Aaron Copland's music for *Our Town*, and Virgil Thomson's orchestral suite from *The Plow That Broke the Plains*. In 1940, when Thornton Wilder's Pulitzer Prize play, *Our Town*, was made into a film, Copland supplied a score that matched its mood of unassuming tenderness. It remains unique to this day.

Pare Lorentz' documentary film, *The Plow That Broke the Plains*, is a moving exposition of man's fight against the elements as it applied to the farm lands of the West. The titles of the six movements that Virgil Thomson transformed into an orchestral suite give an idea of the subject matter of the film. They are: Prelude, Pastorale (Grass), Cattle, Blues (Speculation), Drought, and Devastation. The music includes suggestions of American hymns, cowboy tunes, a "low-down" blues, and a tango. The jacket of the record gives the word-for-word spoken narrative of the film, so that the listener can correlate the music with the scenes for which it was intended.

Movie music of an entirely different sort is contained in the score written for *Lieutenant Kije*, by the late Sergei Prokofieff. The film is based on an anecdote about the Czar Paul I, who misread a report of his military aide, mentioning a nonexistent person in the process. The courtiers, fearful of pointing out to the Czar the mistake he had made, decided to invent an officer by that name (as misread by the Czar). As can be readily imagined, the situation gave rise to some rather humorous happenings, which are underlined in the five movements that Prokofieff made into a suite. They are: The Birth of Kije, Romance, Kije's Wedding, Troika, and The Interment of Kije. The music is witty and as entertaining as one might expect it to be from the situation it describes. The performance, by the Vienna Symphony Orchestra under Hermann Scherchen, has been recorded by Westminster with amazingly lifelike fidelity. The other side of this twelve-inch disc contains the composer's *Scythian Suite*, a glittering work of earlier vintage.

One of Hollywood's recent spectacles, *Quo Vadis*, can boast of a score that attempts to capture an authentic flavor by its use of genuine, ancient musical motives. Otherwise, of course, the music is scored in the modern manner, and for full symphony orchestra. MGM has issued a recording of the music, taken directly from the film's sound track. Miklos Rozsa, who composed the music, also conducts. In writing his music for the motion picture version of Tennessee Williams' play, *A Streetcar Named Desire*, Alex North quite naturally made use of the New Orleans' jazz idiom, since the locale of the story is New Orleans. Capitol Records has released the recording of the music for this picture, as conducted by Ray Heindorf.

The music for such fanciful, other-world (literally) films as *Destination Moon* causes special problems for the composer. Since we have no evidence of any music from other planets, the composer must give up all hope of possibly creating an "authentic" sounding score. Once relieved of that responsibility, however, he is free to create music in any style he chooses, to convey whatever sounds he feels are appropriate to outer space. Composer Leith Stevens has preferred to remain on conventional grounds in his score for *Destination Moon*, with the result that one can listen to the Columbia recording of the music, and still keep both feet on mother earth. Victor Young's score for *Samson and Delilah* matches, in its opulence, the spectacle for which it was created. It is performed on a Decca LP by the Paramount Symphony Orchestra, the composer directing.

Here are a few recordings that present movie music not in a "supporting role," as background to a story, but rather in a featured position, since the music is an integral part of the films for which it was composed. All of it is in a popular idiom which should make it pleasant listening when you have a group of friends in during an evening. Irving Berlin's music for *Holiday Inn*, a film featuring the antics of Bing Crosby and Fred Astaire, has been recorded for Decca by the two stars themselves, with Bob Crosby's and John Scott Trotter's orchestras. MGM Records has made available the music from two of its popular films, *Till the Clouds Go By*, with music by Jerome Kern, and *Words and Music*, which had the collaboration of Rodgers and Hart. Lenny Hayton conducts the studio orchestra and chorus in both.

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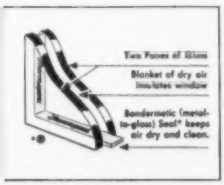

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